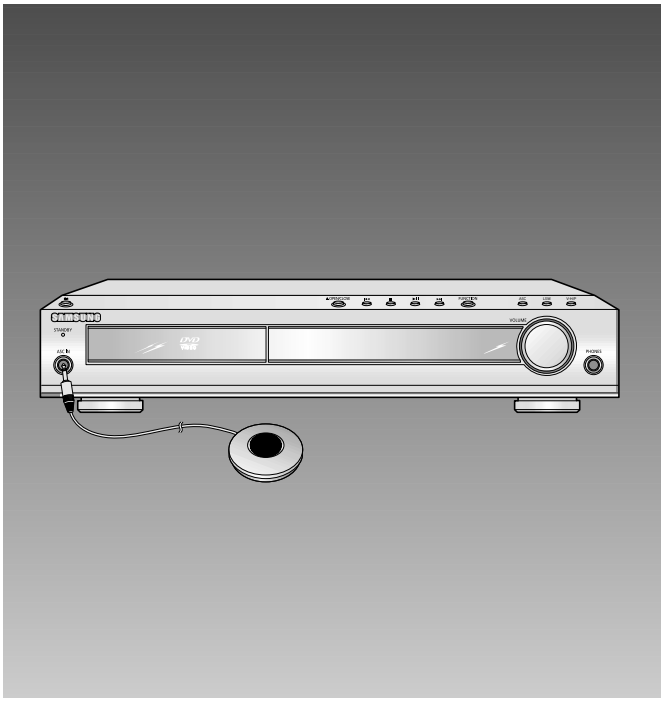
SAMSUNG

DVD RECEIVER AMP

HT-DB750
HT-DB1750
HT-DB1850

SERVICE Manual

DVD RECEIVER AMP SYSTEM



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Notice !! You can search for the updated part code through ITSELF web site.
URL; http://itself.sec.samsung.co.kr

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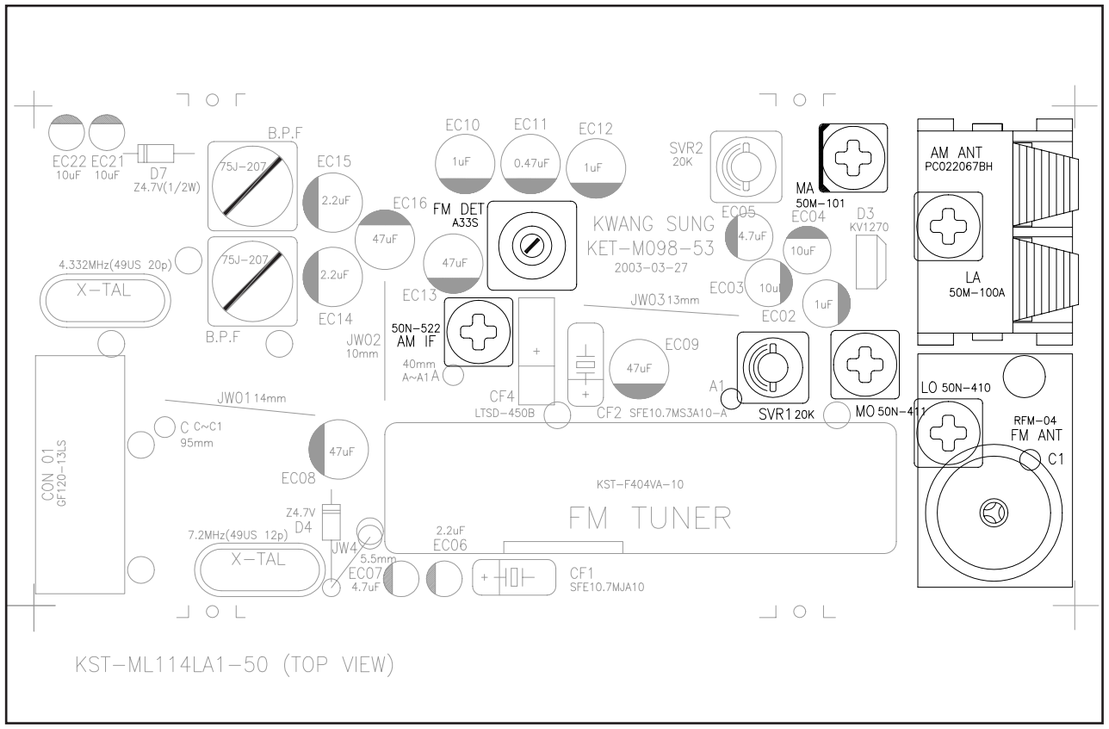
1. Alignment and Adjustments

1. Tuner



KST-ML114LA1-50 (TOP VIEW)

* Adjustment Location of Tuner PCB

ITEAM	AM(MW) OSC Adjustment	AM(MW) RF Adjustment	LW OSC Adjustment	LW RF Adjustment
Received FREQ.	522~1611 KHz	594 KHz	146~290 KHz	150 KHz
Adjustment point	MO	MA	LO	LA
Output	1~7.0±0.5V	Maximum Output(Fig1-4)	2~7.0±0.5V	Maximum Output(Fig1-4)

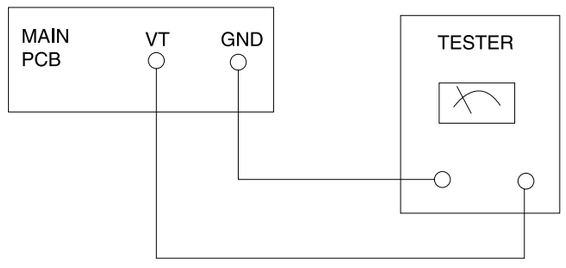


Fig 1-4 OSC Voltage

FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (FM DET)	FM DETECTOR COIL
Output	60 dB
Minumum Distortion (0.4% below) (Figure 1-1)	

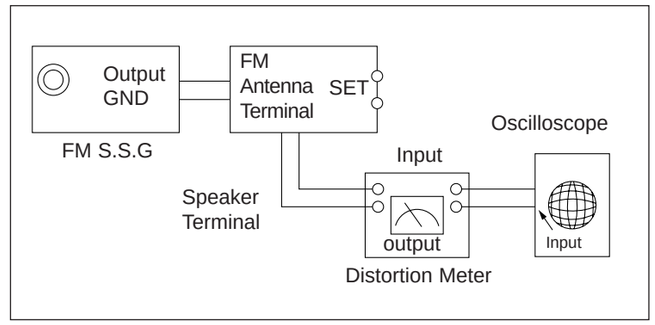


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (SVR1)	BEACON SENSITIVITY SEMI-VR(20KΩ)
Output	28 dB(±2dB)
Adjust SVR1 so that “TUNED” of FLT is lighted (Figure 1-2)	

*Adjust FM S.S.G level to 28dB

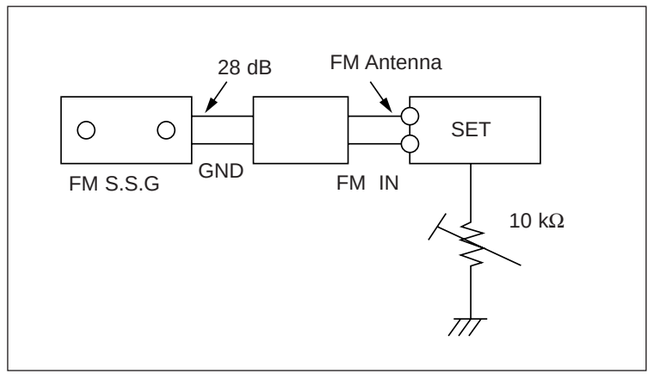


Figure1-2 FM Auto Search Level Adjustment

AM(MW) I.F Adjustment	
SSG FREQ.	450 kHz
Frequency	522 kHz
Adjustment point	AM IF
Maximum output (Figure 1-3)	

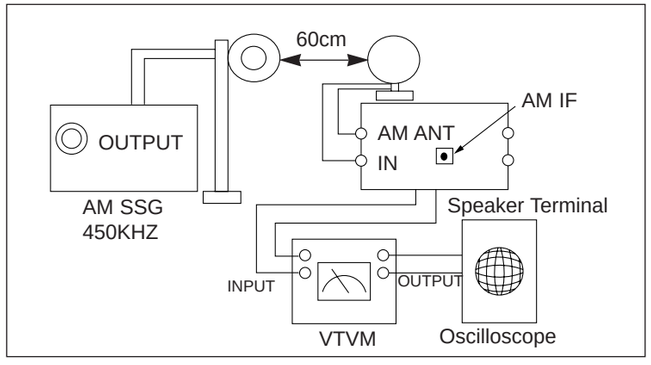
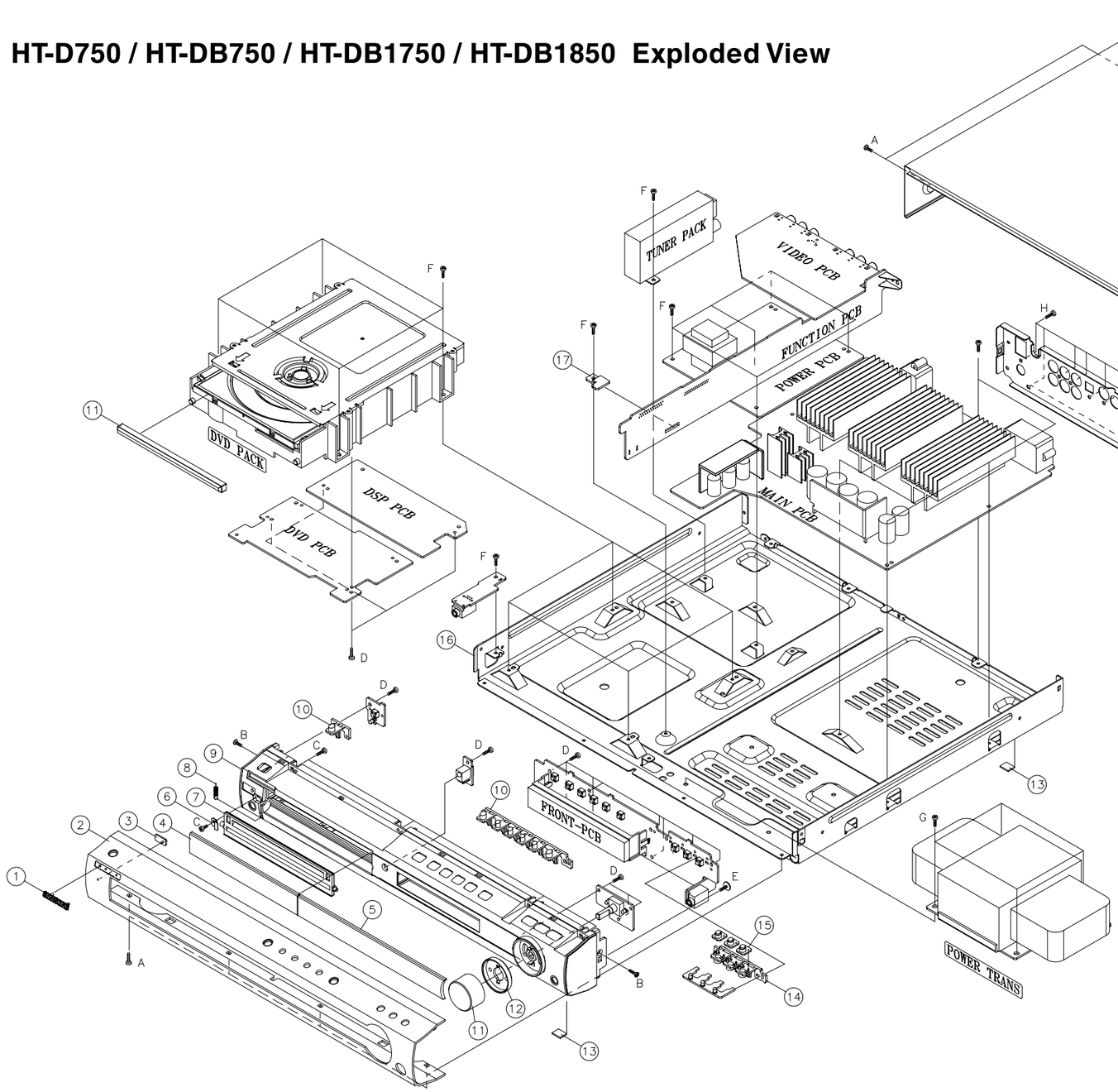


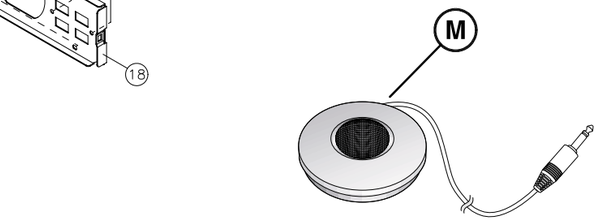
Figure1-3 AM I.F Adjustment

2.Exploded Views and Parts List

2-1 Total Exploded View

HT-D750 / HT-DB750 / HT-DB1750 / HT-DB1850 Exploded View

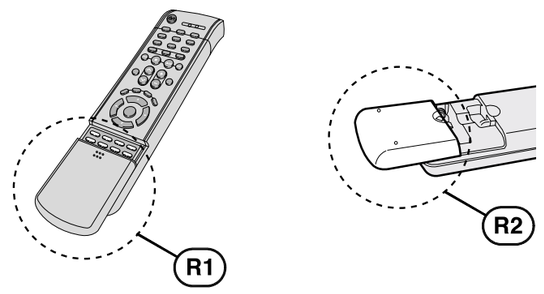




REMOCON ASSY (R)

< FRONT VIEW >

< REAR VIEW >

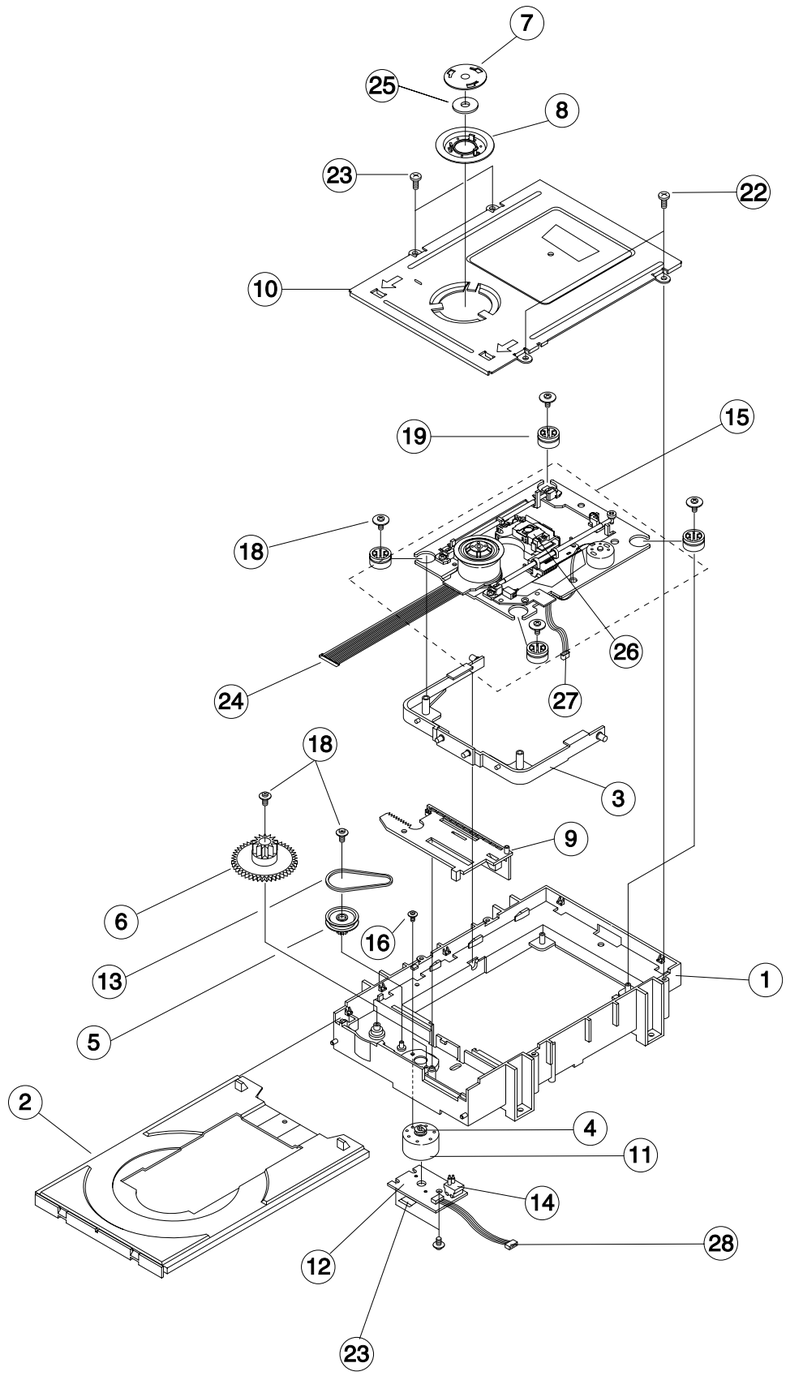


* Parts List of Total Exploded view

No.	Code No.	Description	Specification	Q'ty	Remark
1	AH64-02431A	BADGE-BRAND	AL, DIA-CUT	1	
2	AH64-02362C	PANEL-FRONT	AL EXTRUSION (P-SCAN)	1	HT-DB750
	AH64-02362D		AL EXTRUSION (EUROPE)	1	HT-DB750
	AH64-02362F		AL EXTRUSION (ASIA,NO P-SCAN)	1	HT-DB750
	AH64-02362H		AL EXTRUSION (EUROPE)	1	HT-DB1750
	AH64-02362K		AL EXTRUSION (S.AMERICA)	1	HT-DB1750
	AH64-02362M		AL EXTRUSION (CIS)	1	HT-DB1850
	AH64-02362N		AL EXTRUSION (CHINA)	1	HT-D750C
3	AH67-00217A	LENS-POWER	PMMA	1	
4	AH64-02429A	WINDOW-DVD	HALF MIRROR 3T	1	
5	AH64-02430A	WINDOW-VFD	HALF MIRROR 3T	1	
6	AH61-01279A	BRKT-DOOR	SPTE 0.5T	1	
7	AH61-01277A	HOLDER-DOOR	ABS	1	
8	AH61-01280A	SPRING-DOOR	SUS 0.2T	1	
9	AH64-02359B	CABINET-FRONT	HIPS	1	
10	AH64-02360A	KNOB-FUNCTION	ABS	1	
11	AH81-01117A	A/S-VOLUME ASSY	AL, DIA-CUT	1	
12	AH67-00210A	LENS-VOLUME	PMMA	1	
13	AH73-00005A	CUSHION-FOOT	EVA	4	
14	AH64-02322A	KNOB-DSP	ABS	1	
15	AH67-00216A	LENS-DSP	PMMA	3	
16	AH64-02356A	CABINET-BOTTOM	SECC 1.0T	1	
17	AH61-01377A	BRKT-PCB FUNCTION	SECC 2.0T	1	
18	AH64-02355C	CABINET-REAR	SECC 0.8T (EXP, BASIC)	1	
	AH64-02355D		SECC 0.8T (EUROPE,SCART JACK)	1	
	AH64-02355E		SECC 0.8T (ASIA, DUAL VOLTAGE)	1	
19	AH31-00030B	MOTOR-DC	RF 300E	1	
20	AH63-00303B	COVER-FAN	ABS	1	
21	AH64-02357B	CABINET-TOP	SECC 0.6T	1	

No.	Code No.	Description	Specification	Q'ty	Remark
R	AH59-01169G	REMOCON ASSY	RDS	1	
	AH59-01169H	REMOCON ASSY	P-SCAN	1	
	AH59-01169J	REMOCON ASSY	NO RDS, NO P-SCAN	1	
R1	AH81-01337A	DOOR-HIDDEN		1	
R2	AH81-01336A	COVER-BATTERY		1	
M	AH59-01183D	MICROPHONE ASSY	MIC	1	
A	6003-001499	SCREW-TAP TITE	BWH 3 * 8 SILVER	13	
B	6002-000126	SCREW-TAPPING	FH 3 * 10 BLK	2	
C	AH60-10020D	SCREW-TAP TITE	RH 2.6 * 8 YEL	5	
D	6003-000276	SCREW-TAP TITE	BH 3 * 10 YEL	12	
E	AH60-10108A	SCREW-TAP TITE	BWH 3*10 (W10) YEL	1	
F	6002-000398	SCREW-TAP TITE	BH 3 * 6 YEL	21	
G	AH60-00014A	SCREW-TAP TITE	TH 4* 6 YEL	4	
H	AH60-00025A	SCREW-TAP TITE	BH 3 * 10 SILVER	17	

2-2 DVD MECHA Exploded View and Parts list



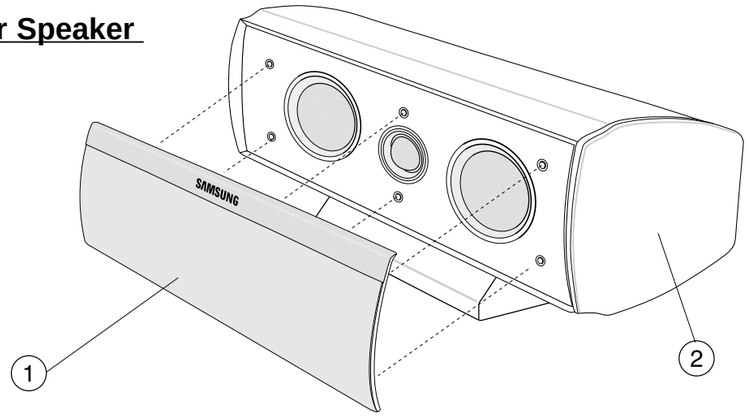
No.	Code No.	Description ;	Specification
	AH59-01153A	**DECK-MECHA ASS'Y**	**CMS-SD100**
1	AH61-01293A	BASE-MAIN	ABS BLK
2	AH63-00535A	TRAY-DISC	ABS D/GRAY
3	AH66-00214A	LEVER-LIFT	ABS+GF20%
4	AH66-00215A	PULLEY-MOTOR	POM WHT
5	AH66-00216A	GEAR-PULLEY	TPE WHT
6	AH66-00217A	GEAR-TRAY	POM WHT
7	AH61-01295A	CLAMPER-BRKT	SECC t0.8
8	AH63-00536A	CLAMPER-MOLD	POM WHT
9	AH66-00218A	SLIDE-CAM	PC WHT
10	AH61-01296A	HOLDER-BRACKET	SECC t0.8
11	AH31-00035B	MOTOR-DC	RF-300E-1D390
12	AH41-00560A	PCB-SWITCH	43.5 * 32.5
13	AH66-00219A	BELT-PULLEY	CR 1.2
14	3409-001119	SWITCH-DETECTOR	JDS2200
15	AH59-01184A	DVD-DECK ASSY	CMS-S51PG4
16	6001-001257	SCREW-MACHINE	1.7*3(W4.5)
17	AJ60-10001A	SCREW-TAP	WASHER 6.8
18	6003-000152	SCREW-TAP	2*10.12
19	AH73-00055A	RUBBER-CD	SILICON 30
20	0205-001106	GREASE	GX-99004
21	0205-001109	GREASE	DM-523
22	6003-000283	SCREW	TAP 3*8
23	AH02-00038A	TAPE	10mm*80mm
24	3809-001451	CABLE-FLAT	60mm 24P
25	3302-001505	MAGNET CHUCK	190 gf
26	AH30-00055A	PICK-UP	4P.JST
27	AH39-00495A	WIRE-HARNESS	UL1007,#28,70mm
28	AH39-00496A	WIRE-HARNESS	UL1007,#28,65mm

**** Caution:** Actually, the whole MECHA do not include DECK ASSY. DECK ASSY should be requested separately at service repair.*

2-3 SPEAKER Syetem Composition View

2-3-1 HT-DB750

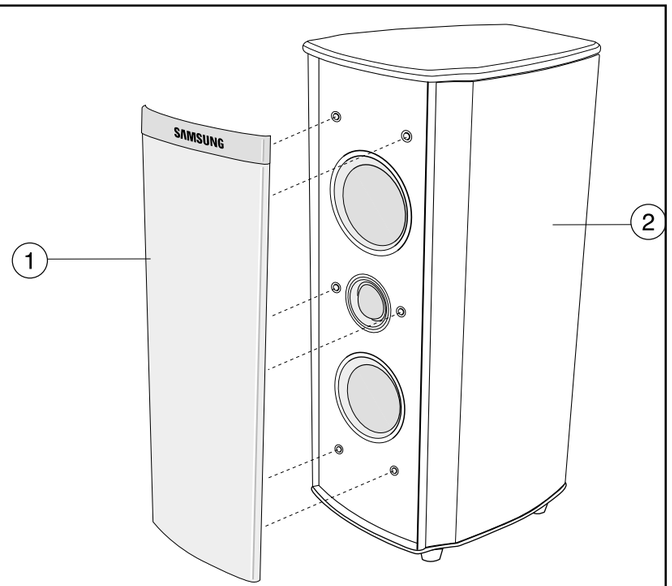
*** Center Speaker**



PS CA750E : AH81-01073A

No.	ITEM	Code No.	Q'TY
1	NET ASS'Y	AH81-01073H	1
2	CABINET ASS'Y	AH81-01073J	1

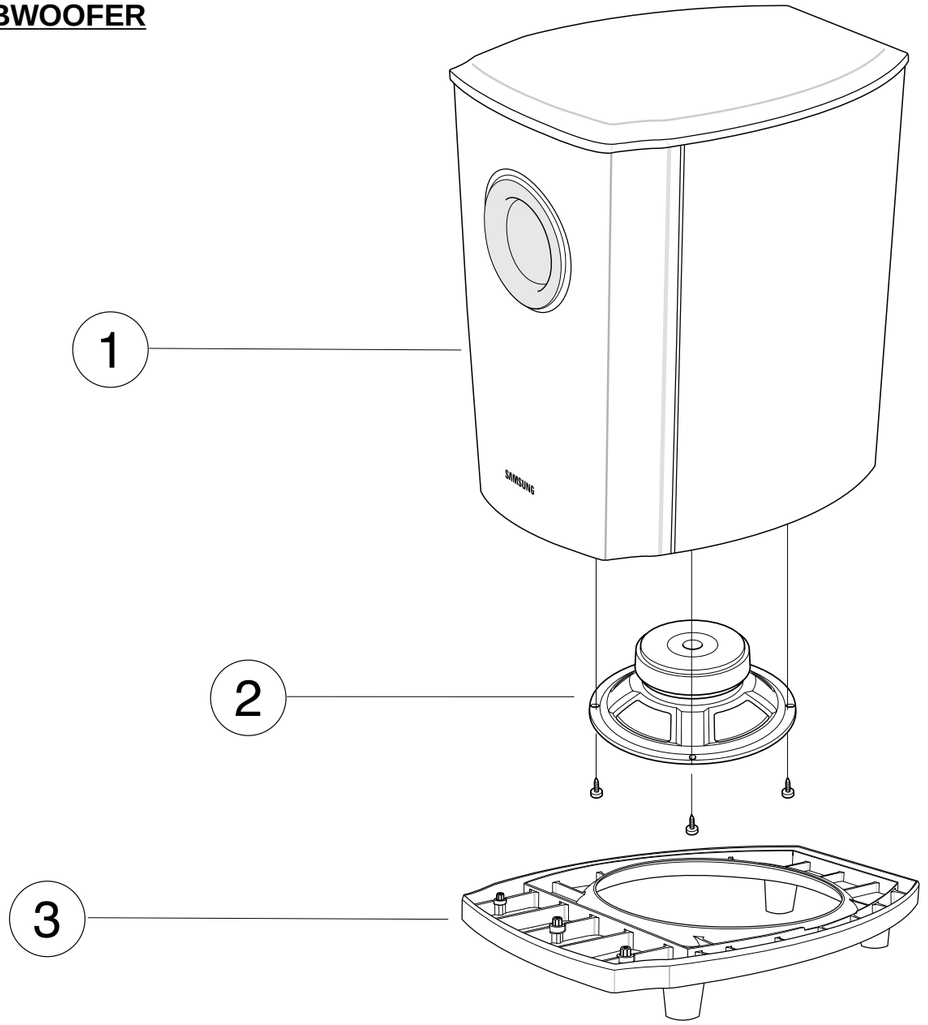
*** Satellite Speaker**



PS SA750E : AH81-01072A

No.	ITEM	Code No.	Q'TY
1	NET ASS'Y	AH81-01072N	1
2	CABINET ASS'Y	AH81-01072P	1

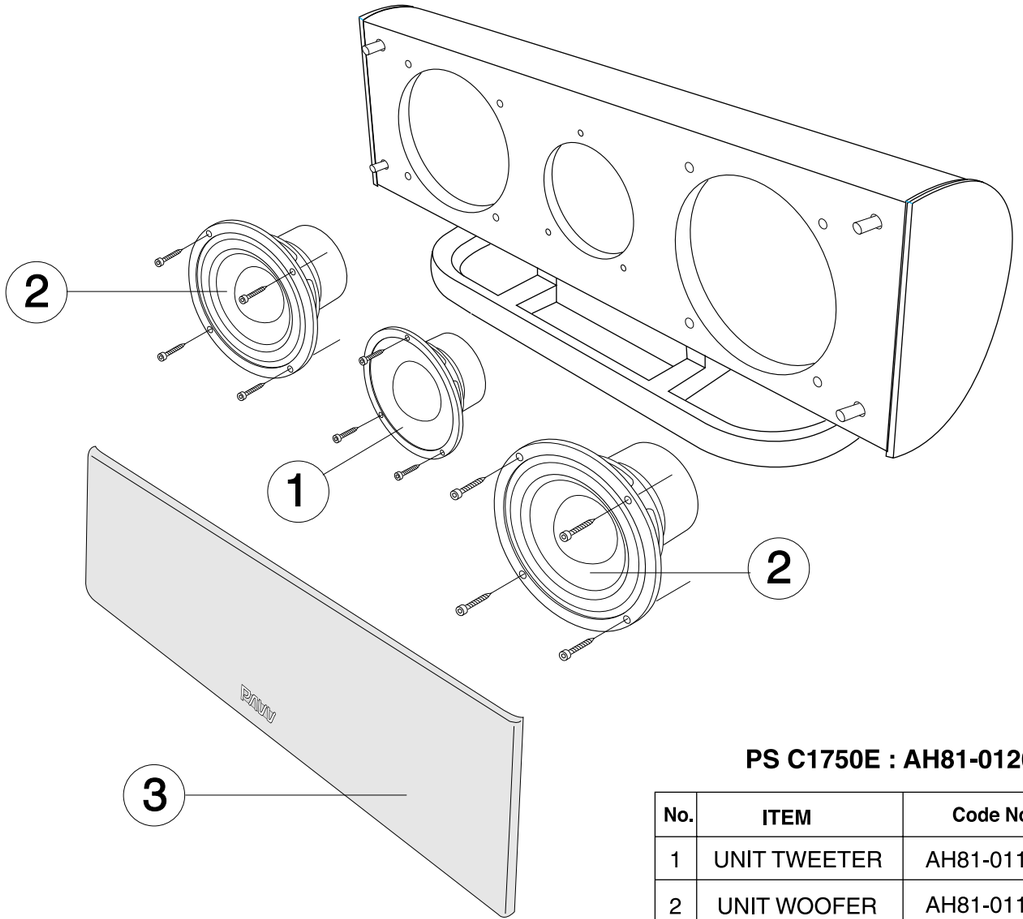
*** SUBWOOFER**



PS WA750E : AH81-01071B

No.	ITEM	Code No.	Q'TY
1	CABINET ASS'Y	AH81-01071N	1
2	UNIT WOOFER	AH81-01071H	1
3	BOTTOM BRACE	AH81-01071F	1

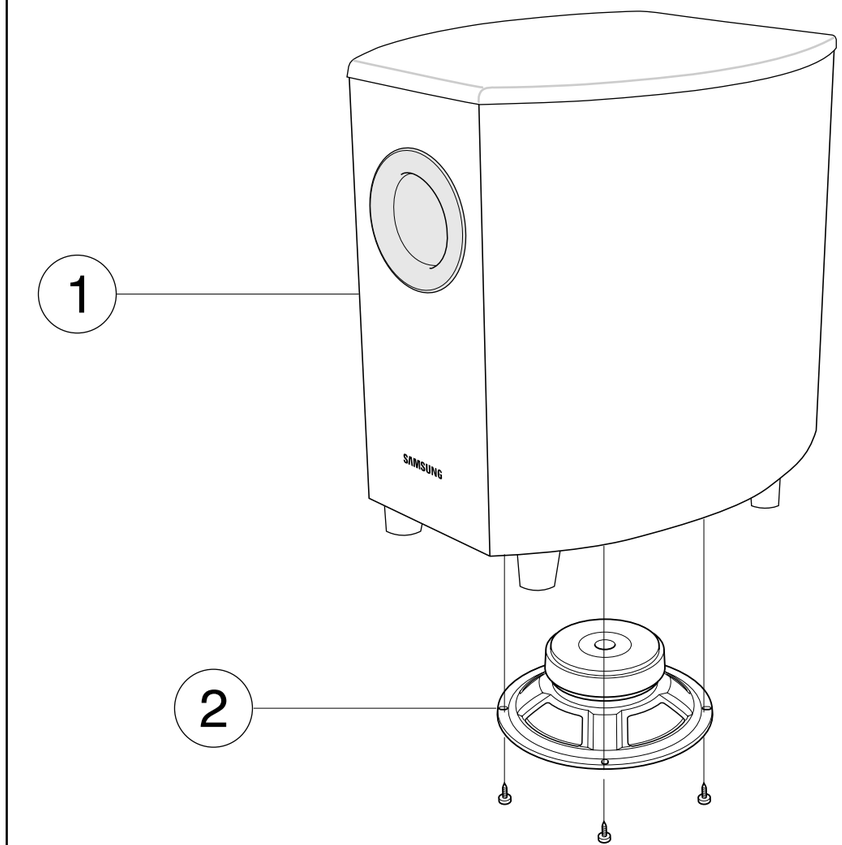
* CENTER SPEAKER



PS C1750E : AH81-01263J

No.	ITEM	Code No.	Q'TY
1	UNIT TWEETER	AH81-01143H	1
2	UNIT WOOFER	AH81-01143Q	2
3	NET ASS'Y	AH81-01143S	1

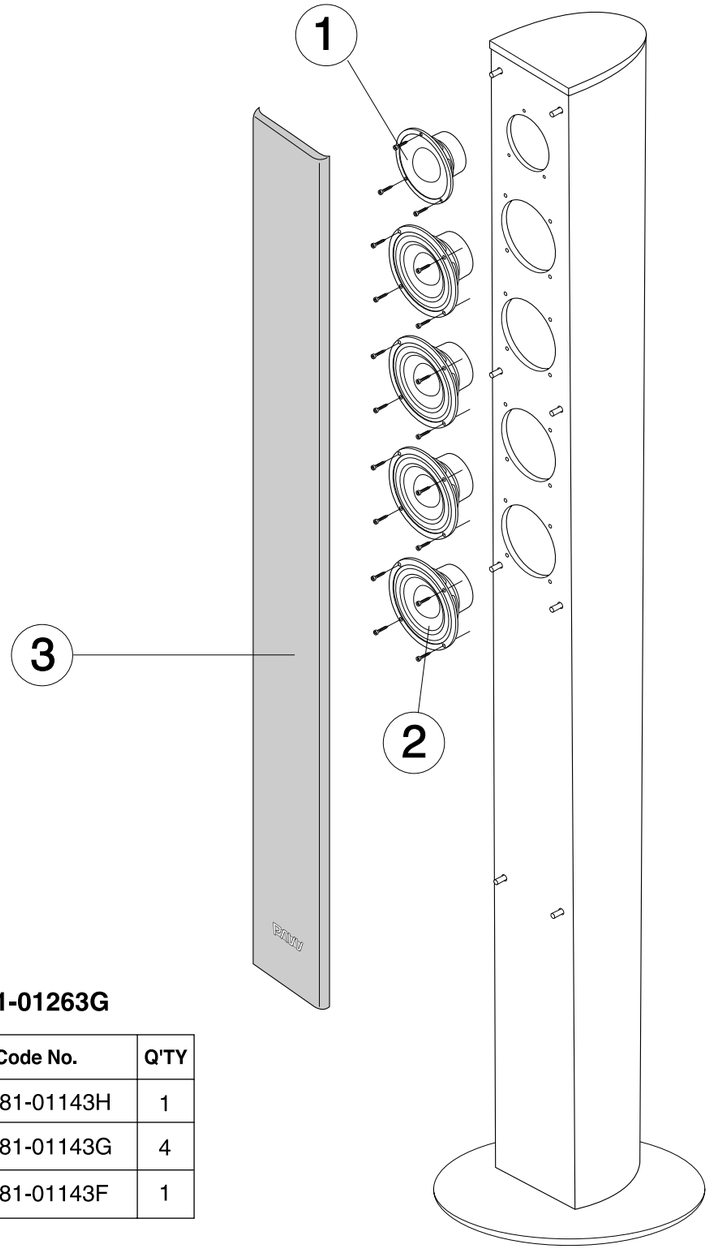
* SUBWOOFER



PS WA1750E : AH81-01263K

No.	ITEM	Code No.	Q'TY
1	CABINET ASS'Y	AH81-01143V	1
2	UNIT WOOFER	AH81-01143W	1

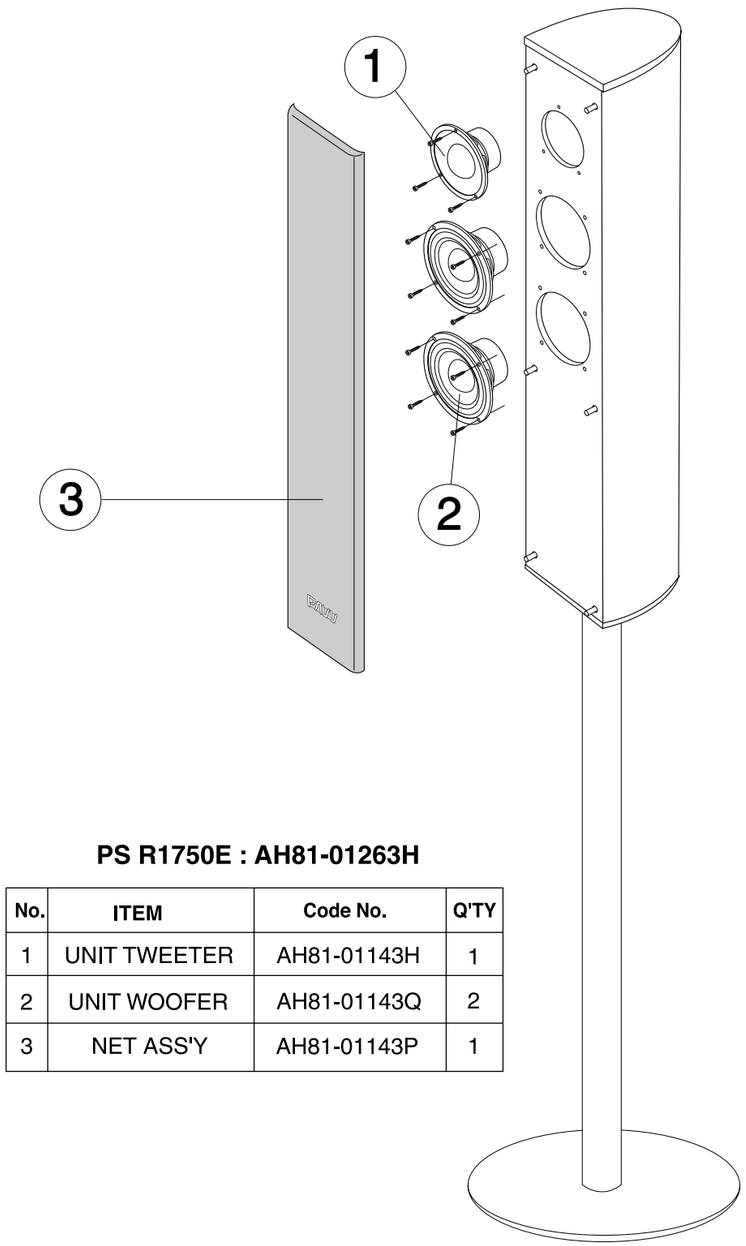
* FRONT SPEAKER



PS F1750E : AH81-01263G

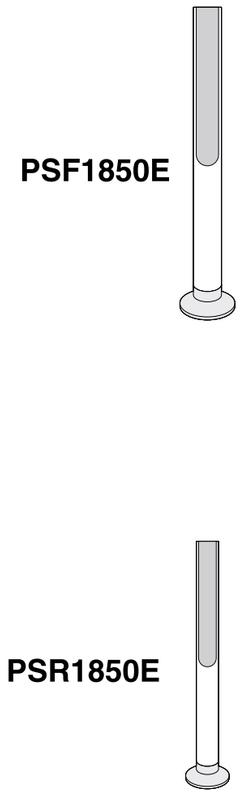
No.	ITEM	Code No.	Q'TY
1	UNIT TWEETER	AH81-01143H	1
2	UNIT WOOFER	AH81-01143G	4
3	NET ASS'Y	AH81-01143F	1

* REAR SPEAKER

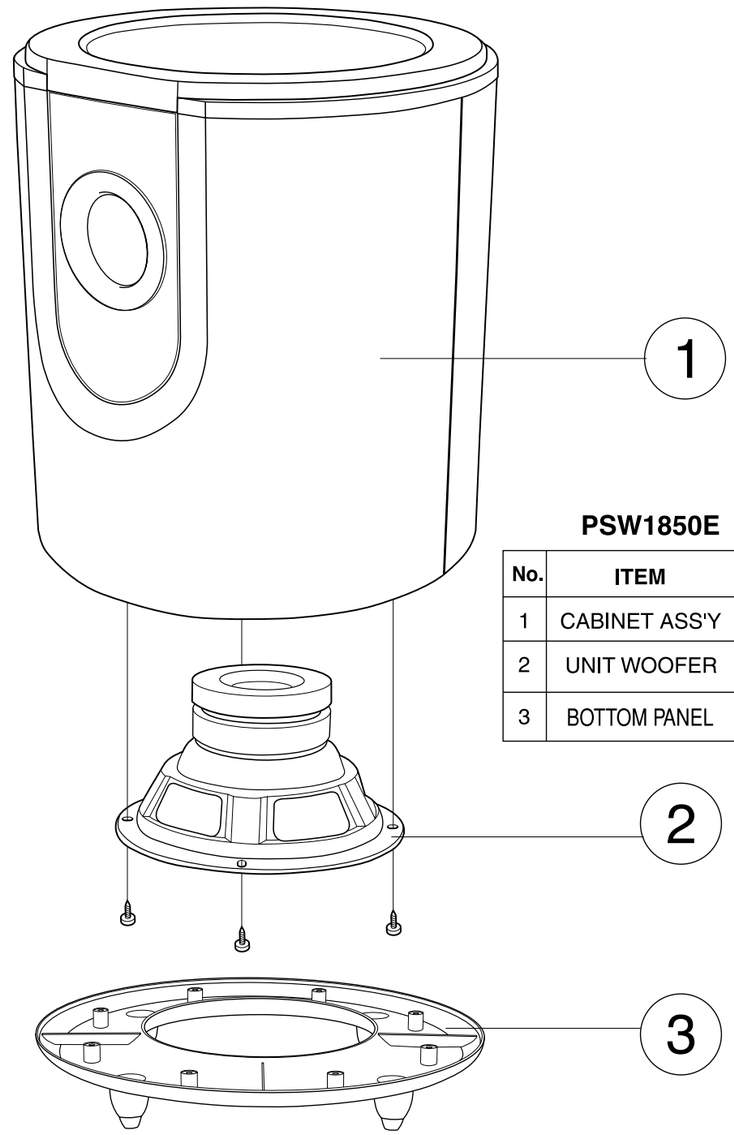


PS R1750E : AH81-01263H

No.	ITEM	Code No.	Q'TY
1	UNIT TWEETER	AH81-01143H	1
2	UNIT WOOFER	AH81-01143Q	2
3	NET ASS'Y	AH81-01143P	1



	ITEM	Code No.	Q'TY
FRONT SPK	**PSF1850E**	AH81-01264F	2
	NET JERSEY	AH81-01299B	
REAR SPK	**PSR1850E**	AH81-01264G	2
	NET JERSEY	AH81-01299G	
CENTER SPK	**PSC1850E**	AH81-01264H	1
	NET JERSEY	AH81-01299L	



PSW1850E : AH81-01264J

No.	ITEM	Code No.	Q'TY
1	CABINET ASS'Y	AH81-01299Q	1
2	UNIT WOOFER	AH81-01143V	1
3	BOTTOM PANEL	AH81-01144E	1

3. Electrical Parts List

Location no.	Code no.	Description & Specification	Remarks
		***** HT-DB750 Parts List *****	
	3809-001074	CABLE-FLAT;30V,80C,150mm,32P,1.25mm,UL28	
	3809-001349	CABLE-FLAT;30V,80C,120MM,13P,1.25MM,UL28	
	3809-001461	FPC CABLE-FLAT;30V,80C,250MM,30P,1MM,UL2	
	3809-001462	FPC CABLE-FLAT;30V,80C,100MM,20P,1MM,UL2	
	3809-001487	CABLE-FLAT;30V,80C,170MM(SHIELD NO3P),20	
	AH26-00252A	TRANS POWER;-,HT-DB750,-,-,230V,-,-,-,50	
	AH31-00029C	MOTOR FAN;C161NK10B0110,RDM6015S,0.15A,-	
	AH39-00257F	POWER CORD;MAX980,-,CP2,250V,2.5A,1830MM	
	AH39-40001U	CABLE-AUDIO CABLE,2P2000;-,-,2P-2P,-,-,-	
	AH39-40001V	CABLE-AUDIO CABLE;-,-,1P-1P,3000MM,-,-,-	
	AH40-00055A	TUNER-PACK ASSY;KST-ML114LA1-50,FM/MW/LW	
	AH42-00001B	ANTENNA-FM 1P;X000089-0,-,-,-,-,-,1500##	
	AH42-20001P	ANT LOOP;-,KS971120-01,18.5UH##10%,-	
	AH59-01169G	**REMOCON-ASSY;HT-DB350/EUR,SAMSUNG,-,-,52**	
	AH59-01183A	**MICROPHONE-ASSY;-,-,PI3.5,7M,-,-,PI57,-,**	
	AH59-01166A	**DECK-DVD;CMS-S51PG4,HT-DB450,-,39MM,DC**	
	AH31-00030B	MOTOR DC;-,RF-300E-1D390,-,-,-,-,-,-,-	
	AH59-01184A	DECK-MECHA ASSY;-,CMS-SD100,-,-,-,-,CD D	
	AH30-00055A	PICK UP-DECK;SOH-DH11,-,0.60,1.71,-,CMS-	
	AH91-00005A	**ASSY DECK-DVD;-,-,CMS-SD100**	
	3809-001451	CABLE-FLAT;30V,80C,60MM,24P,0.5MM,AWM206	
	AH92-01840A	**ASSY PCB;HT-DB450,BL MOTOR, ESS, SLIM**	
DZD1	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
RD1	0407-000116	DIODE-ARRAY;DAP202K,80V,100mA,CK2-3,SOT-	
RD2	0407-000116	DIODE-ARRAY;DAP202K,80V,100mA,CK2-3,SOT-	
VQ6	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
VQ5	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
VQ4	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
VQ3	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
VQ1	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
RQ2	0501-000632	TR-SMALL SIGNAL;2SB1197K,PNP,200mW,SOT-2	
RQ1	0501-000632	TR-SMALL SIGNAL;2SB1197K,PNP,200mW,SOT-2	
RQ5	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
RQ4	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
RQ3	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
Q1	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
U17	0801-002518	IC-CMOS LOGIC;74LCX157,2-INPUT MULTIPLEX	
U11	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,TSSOP	
OPIC2	0802-001007	IC-BICMOS LOGIC;74LCX244,BUFFER/LINE DRI	
OPIC3	0802-001025	IC-BICMOS LOGIC;74LCX374,D FILP-FLOP,TSS	
OPIC1	1001-001170	IC-AUDIO SWITCH;CS8415A-CZ,RECEIVER&DECO	
DRIC1	1003-001450	IC-MOTOR DRIVER;BA5954FM,SOP,28P,300MIL,	
DRIC2	1003-001507	IC-MOTOR DRIVER;FAN8423D3TF,SSOPH-375SG2	
DRIC3	1003-001508	IC-MOTOR DRIVER;FAN8082DTF,SOP,8P,200MIL	
U16	1103-001292	IC-EEPROM;S524A40X21-SCT0,256X8BIT,SOP,8	
U14	1105-001369	IC-DRAM;-,4MX16BIT,TSOP(II),54P,400MIL,7	
SIC2	1105-001372	IC-DRAM;K4E151512D,1MX16BIT,SOJ,42P,40	
MIC1	1107-001203	IC-FLASH MEMORY;49F512,64Kx8Bit,PLCC,32P	
U15	1107-001452	IC-FLASH MEMORY;A29L160FTV-70,2MX8/1MX16	
RIC1	1201-001790	IC-RF AMP;SP3721A,TQFP,64P,10MIL,SINGLE,	
RIC2	1201-001842	IC-OP AMP;TL3472CD,SO,TP,8P,-,DUAL,-,PAL	
MIC3	1203-001369	IC-VOL. DETECTOR;61AN1902,SOT-23,3P,63MI	
REG4	1203-002425	IC-POSI.FIXED REG.;AP1117,SOT-223,3P,138	
REG1	1203-002877	IC-POSI.FIXED REG.;AIC1117A-50CY,SOT-223	
REG3	1203-002935	IC-POSI.ADJUST REG.;AIC1117ACE,TO-252,3P	
REG2	1203-002935	IC-POSI.ADJUST REG.;AIC1117ACE,TO-252,3P	
SIC1	1204-001936	IC-DECODER;M5705,LQFP,176P,24X24MM,PALST	
L4	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
PL5	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
VL2	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
L38	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
DR38	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
DR56	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
DR57	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
RR2	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
RR11	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R99	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R96	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R87	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
RR21	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR19	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
SR13	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
RR7	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
RR6	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
RR27	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
DR61	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
DR60	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
DR52	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
ATL4	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	

Location no.	Code no.	Description & Specification	Remarks
ATL3	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
MR18	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R47	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R112	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
MR32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
MR30	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
MR22	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R27	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R25	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R24	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R88	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
RR20	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
TR1	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R23	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
AR51	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
L29	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
L32	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
L33	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
L34	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
L35	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
RR18	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
R1	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
MR17	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
MR19	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
SR34	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
SR35	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
SR36	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
SR37	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
DR44	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
DR53	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
MR12	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
MR16	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
MR15	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
MR14	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
RR12	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R55	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R35	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R28	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR24	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR3	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR31	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
SR22	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R26	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
AR1	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
AR52	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
DR46	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
DR49	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R102	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
MR21	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
DR50	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R34	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
SR9	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
SR17	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
SR11	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
SR10	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
DR13	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R78	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R76	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R74	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R73	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R79	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
SR12	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
SR18	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
SR31	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
SR5	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
C93	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
MR23	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R19	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R48	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R49	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R50	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R61	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R72	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
RR26	2007-000088	R-CHIP;7.5Kohm,5%,1/10W,TP,1608	
RR19	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
RR23	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
SR24	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
SR28	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
TR2	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR2	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR6	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
R43	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
RR15	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
RR16	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
DR11	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
SR7	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	
MR26	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	

Location no.	Code no.	Description & Specification	Remarks
SR33	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
DR59	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
DR7	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
SR14	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
SR27	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
DR1	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
DR12	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
DR16	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
DR17	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
RR25	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608	
R104	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
DR54	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR28	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	
R94	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R93	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R92	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R89	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R86	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R95	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
SR15	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
RR9	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
RR8	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
RR5	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R98	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R107	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R106	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R105	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
DR48	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
DR10	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R22	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R85	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R67	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R57	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R45	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
R44	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
VR24	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	
VR21	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	
VR15	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	
VR1	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	
R2	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	
SR1	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
R58	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
RR14	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
RR13	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
LR2	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
LR1	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
DR15	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	
SR2	2007-000131	R-CHIP;91Kohm,5%,1/10W,TP,1608	
SR3	2007-000131	R-CHIP;91Kohm,5%,1/10W,TP,1608	
DR8	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
DR5	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
RR10	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	
RR1	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	
PR1	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	
SR26	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
SR23	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
VR25	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
VR22	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
VR20	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
VR2	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
VR18	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
DR35	2007-000483	R-CHIP;1ohm,5%,1/8W,TP,2012	
DR37	2007-000483	R-CHIP;1ohm,5%,1/8W,TP,2012	
DR40	2007-000483	R-CHIP;1ohm,5%,1/8W,TP,2012	
DR34	2007-000483	R-CHIP;1ohm,5%,1/8W,TP,2012	
DR31	2007-000483	R-CHIP;1ohm,5%,1/8W,TP,2012	
DR30	2007-000483	R-CHIP;1ohm,5%,1/8W,TP,2012	
R91	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	
R59	2007-000643	R-CHIP;270ohm,5%,1/10W,TP,1608	
R60	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608	
JR1	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
SR29	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	
SR21	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	
SR8	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	
R14	2007-001042	R-CHIP;56ohm,1%,1/10W,TP,1608	
R90	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
RR30	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
RR4	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
TN5	2011-000475	R-NETWORK;33OHM,5%,1/16W,L,CHIP,8P,TP,32	
TN3	2011-000475	R-NETWORK;33OHM,5%,1/16W,L,CHIP,8P,TP,32	
SN1	2011-000475	R-NETWORK;33OHM,5%,1/16W,L,CHIP,8P,TP,32	
TN4	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
RN5	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
RN6	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
RN7	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
RN4	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
RN1	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
RN2	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
RN3	2011-000651	R-NETWORK;10OHM,5%,1/16W,L,CHIP,8P,TP,32	
TN13	2011-000816	R-NETWORK;100OHM,5%,1/16W,L,CHIP,8P,TP	
TN12	2011-000816	R-NETWORK;100OHM,5%,1/16W,L,CHIP,8P,TP	
TN11	2011-000816	R-NETWORK;100OHM,5%,1/16W,L,CHIP,8P,TP	
TN10	2011-000816	R-NETWORK;100OHM,5%,1/16W,L,CHIP,8P,TP	

Location no.	Code no.	Description & Specification	Remarks
TN7	2011-001011	R-NETWORK;10KOHM,5%,1/16W,L,CHIP,8P,TP	
TN8	2011-001011	R-NETWORK;10KOHM,5%,1/16W,L,CHIP,8P,TP	
TN9	2011-001011	R-NETWORK;10KOHM,5%,1/16W,L,CHIP,8P,TP	
TN6	2011-001011	R-NETWORK;10KOHM,5%,1/16W,L,CHIP,8P,TP	
TN2	2011-001011	R-NETWORK;10KOHM,5%,1/16W,L,CHIP,8P,TP	
TN1	2011-001011	R-NETWORK;10KOHM,5%,1/16W,L,CHIP,8P,TP	
RC21	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
DC3	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
DC2	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
TC1	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C57	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
TC7	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
TC6	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
TC5	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
TC4	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
TC3	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
TC2	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
C86	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
SC20	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
SC19	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
SC11	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
RC26	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
RC22	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
RC10	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C116	2203-000646	C-CERAMIC,CHIP;0.024NF,5%,50V,C0G,TP,160	
C115	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
RC46	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
DC4	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C59	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
SC14	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
SC1	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
RC17	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
SC6	2203-000998	C-CERAMIC,CHIP;0.047NF,5%,50V,C0G,TP,160	
SC28	2203-000998	C-CERAMIC,CHIP;0.047NF,5%,50V,C0G,TP,160	
C101	2203-000998	C-CERAMIC,CHIP;0.047NF,5%,50V,C0G,TP,160	
SC2	2203-001052	C-CERAMIC,CHIP;0.56nF,10%,50V,X7R,TP,160	
RC48	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
RC47	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
SC12	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
RC9	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
RC19	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
RC18	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
RC15	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
RC13	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP,160	
SC35	2203-001573	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
SC29	2203-001573	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
RC39	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
RC16	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
RC14	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
RC12	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
SC13	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
RC42	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
SC16	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
SC15	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
RC29	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC28	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC23	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC2	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC11	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC1	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC4	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC38	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC36	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC35	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC30	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC3	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
MC8	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
MC7	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
LC3	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
LC2	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
LC1	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC8	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
PC9	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
PC8	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
PC4	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
PC14	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
PC12	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
PC1	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC40	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC39	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC38	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC37	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC32	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC31	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC27	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
VC2	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC9	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC8	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC5	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC40	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC4	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC18	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC17	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	

Location no.	Code no.	Description & Specification	Remarks
RC8	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC44	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC43	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC41	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC26	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC25	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC24	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC23	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC22	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
SC21	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C62	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C61	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C60	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C58	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C56	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C39	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C71	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C68	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C67	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C65	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C64	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C63	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C107	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C106	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C104	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C103	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C102	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C100	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C119	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C113	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C111	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C110	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C109	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C108	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C72	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC15	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC13	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC1	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C99	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C98	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C96	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC6	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC5	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC19	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC18	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC17	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
DC16	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C82	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C81	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C78	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C77	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C76	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C75	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C95	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C89	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C87	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C85	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C84	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C83	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
MC6	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
C48	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
C43	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
C88	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C90	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
PC11	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
RC34	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
RC37	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
RC45	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C73	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C105	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C38	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C40	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C70	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C69	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C66	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
VC1	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
RC7	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
RC20	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
PC13	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
PC10	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
DC14	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
DC12	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
DC10	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C74	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C11	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
DC9	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
PC2	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.	
SC3	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	
PC3	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	
VL1	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
DXT1	2801-004180	CRYSTAL-SMD;33.8688MHZ,50PPM,28-AAN,12PF	
Y3	2801-004284	CRYSTAL-SMD;27MHZ,10PPM,28-AAN,20PF,30OH	
RL2	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	

Location no.	Code no.	Description & Specification	Remarks
RL1	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
R83	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
L31	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
L28	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
AL16	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
AL17	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
AL19	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
AL20	3301-001069	BEAD-SMD;AB,1.6x0.8x0.8mm,-,-	
PL19	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL18	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL17	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL3	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL7	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL8	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
VL3	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL13	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
AL18	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
AL21	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
ASL1	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L40	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL10	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
PL1	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L41	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
AJ1	3708-001805	CONNECTOR-FPC/FFC/PIC;20P,1MM,SMD-A,SN	
AJS2	3708-001805	CONNECTOR-FPC/FFC/PIC;20P,1MM,SMD-A,SN	
CN1	3708-001807	CONNECTOR-FPC/FFC/PIC;11P,1MM,SMD-A,SN	
RCN2	3708-001808	CONNECTOR-FPC/FFC/PIC;24P,0.5MM,SMD-A,SN	
CN3	3711-002533	CONNECTOR-HEADER;BOX,5P,1R,2MM,ANGLE,SN,	
CN4	3711-005306	CONNECTOR-HEADER;BOX,4P,1R,2MM,SMD-S,TIN	
PCN1	3711-005307	CONNECTOR-HEADER;BOX,8P,1R,2MM,SMD-S,TIN	
U13	AH09-00089A	IC MICOM;ESS6028F,HT-EVE1,208PIN,3,3V,2	
	AH59-01213C	**SPEAKER SYSTEM;PSSA750E,-,-,-,-,-,-,EDC,**	
	AH81-01072A	A/S PART-SATELLITE SPEAKER;PSSA750E,-,-	
	AH81-01072B	A/S PART-FRONT PANEL;PSSA750E,HIPS,-,FRO	
	AH81-01072C	A/S PART-BACK CABINET;PSSA750E,AL 2T,-,B	
	AH81-01072D	A/S PART-NET FRAME;PSSA750E,HIPS,-,NET F	
	AH81-01072E	A/S PART-NET DECO;PSSA750E,ABS,-,NET DEC	
	AH81-01072F	A/S PART-TOP COVER;PSSA750E,HIPS,-,TOP C	
	AH81-01072G	A/S PART-BOTTOM COVER;PSSA750E,HIPS,-,BO	
	AH81-01072H	A/S PART-STAND HOLDER;PSSA750E,HIPS,-,ST	
	AH81-01072J	A/S PART-UNIT MIDRANGE;PSSA750E,-,-,UNIT	
	AH81-01072K	A/S PART-UNIT TWEETER;PSSA750E,-,-,UNIT	
	AH81-01072L	A/S PART-CUSHION TOP;PSSA750E,-,-,CUSHIO	
	AH81-01072M	A/S PART-CUSHION BOTTOM;PSSA750E,-,-,CUS	
	AH81-01072Q	A/S PART-CARTON BOX;PSDB750E,-,-,CARTON	
	AH81-01073A	A/S PART-CENTER SPEAKER;PSCA750E,-,-,CEN	
	AH81-01072J	A/S PART-UNIT MIDRANGE;PSSA750E,-,-,UNIT	
	AH81-01072K	A/S PART-UNIT TWEETER;PSSA750E,-,-,UNIT	
	AH81-01073B	A/S PART-FRONT PANEL;PSCA750E,HIPS,-,FRO	
	AH81-01073C	A/S PART-BACK CABINET;PSCA750E,AL 2.0T,-	
	AH81-01073D	A/S PART-NET FRAME;PSCA750E,HIPS,-,NET F	
	AH81-01073E	A/S PART-NET DECO;PSCA750E,ABS,-,NET DEC	
	AH81-01073F	A/S PART-DUCT;PSCA750E,HIPS,-,DUCT,-,-,A	
	AH81-01073G	A/S PART-STAND;PSCA750E,HIPS,-,STAND,-,-	
	AH59-01214C	**SPEAKER SYSTEM;PSWA750E,-,-,-,-,-,-,EDC,**	
	AH81-01071B	A/S PART-WOOFER SPEAKER;PSWA750E,-,-,WOO	
	AH81-01071D	A/S PART-FRONT PANEL;PSWA750E,-,-,FRONT	
	AH81-01071E	A/S PART-TOP PANEL;PSWA750E,-,-,TOP PANE	
	AH81-01071F	A/S PART-BOTTOM BRACE;PSWA750E,-,-,BOTTO	
	AH81-01071G	A/S PART-WOOD CABINET;PSWA750E,-,-,WOOD	
	AH81-01071H	A/S PART-UNIT WOOFER;PSWA750E,-,-,UNIT W	
	AH81-01071J	A/S PART-SPK CORD;PSWA750E,-,-,SPK CORD,	
	AH81-01071K	A/S PART-CUSHION TOP;PSWA750E,-,-,CUSHIO	
	AH81-01071L	A/S PART-CUSHION BOTTOM;PSWA750E,-,-,CUS	
	AH92-01841A	**ASSY PCB-MAIN;HT-D750,MAIN PCB ASSY S.N.A**	
D34	0402-000268	DIODE-RECTIFIER;SB360,60V,3A,DO-201AD,TP	
PBD2	0402-001077	DIODE-BRIDGE;KBP202G,200V,2A,SIP-4	
PBD1	0402-001258	DIODE-BRIDGE;GBU606,600V,6A,SIP-4,BK	
BD4	0402-001258	DIODE-BRIDGE;GBU606,600V,6A,SIP-4,BK	
BD3	0402-001259	DIODE-BRIDGE;GBU806,600V,8A,SIP-4,BK	
BD2	0402-001503	DIODE-BRIDGE;GBU1006,600V,10A,SIP-4,BK	
Q17	0502-000303	TR-POWER;KSD882,NPN,1W,TO-126,TP,160-32	
Q50	0502-001197	TR-POWER;KSD1406,NPN,25000MW,TO-220F	
IC4	1203-000110	IC-NEGA.FIXED REG.;7912,TO-220,3P,-,PLAS	
IC3	1203-000242	IC-POSI.FIXED REG.;7812,TO-220,3P,-,PLAS	
IC8	1203-000242	IC-POSI.FIXED REG.;7812,TO-220,3P,-,PLAS	
PQ5	1203-000294	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
PQ6	1203-001006	IC-VOLTAGE REGULATOR;78R05,TO-220F,4P,-,	
PIC1	1203-002744	IC-SWITCH REG.;SI-8050S,TO-220,5P,10X16.	
R99RL	2003-000471	R-METAL OXIDE(S);10OHM,5%,2W,AA,TP	
R99RR	2003-000471	R-METAL OXIDE(S);10OHM,5%,2W,AA,TP	
R99W	2003-000471	R-METAL OXIDE(S);10OHM,5%,2W,AA,TP	
R99FR	2003-000471	R-METAL OXIDE(S);10OHM,5%,2W,AA,TP	
R99FL	2003-000471	R-METAL OXIDE(S);10OHM,5%,2W,AA,TP	
R99C	2003-000471	R-METAL OXIDE(S);10OHM,5%,2W,AA,TP	
PR1	2003-000606	R-METAL OXIDE(S);270ohm,5%,2W,AA,TP,4x12	
R163	2003-000618	R-METAL OXIDE(S);27ohm,5%,3W,AA,TP,6x16m	
R165	2003-000618	R-METAL OXIDE(S);27ohm,5%,3W,AA,TP,6x16m	
R167	2003-000650	R-METAL OXIDE(S);330ohm,5%,2W,AA,TP,4x12	
R159	2003-000650	R-METAL OXIDE(S);330ohm,5%,2W,AA,TP,4x12	
R162	2003-000674	R-METAL OXIDE(S);39ohm,5%,1W,AA,TP,3.3x9	

Location no.	Code no.	Description & Specification	Remarks
R141	2003-000701	R-METAL OXIDE(S);470ohm,5%,2W,AA,TP,4x12	
R140	2003-000701	R-METAL OXIDE(S);470ohm,5%,2W,AA,TP,4x12	
R166	2003-000710	R-METAL OXIDE(S);47ohm,5%,2W,AA,TP,4x12m	
R161	2003-000744	R-METAL OXIDE(S);56ohm,5%,2W,AA,TP,4x12m	
R98C	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R98FL	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R98FR	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R98RL	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R98RR	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R98W	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R97C	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R97FL	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R97FR	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R97W	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R97RR	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
R97RL	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x	
C32W	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
C32RL	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
C32FR	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
C32FL	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
C32C	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
PC15	2401-000129	C-AL;1000uF,20%,16V,GP,-,10x16mm,5	
PC1	2401-000230	C-AL;100uF,20%,100V,GP,TP,12.5x20mm	
PC16	2401-001052	C-AL;3300uF,20%,25V,GP,-,16x31.5,7.	
PC5	2401-001052	C-AL;3300uF,20%,25V,GP,-,16x31.5,7.	
C35	2401-001361	C-AL;470uF,20%,16V,BP,TP,13x20mm,5m	
C21	2401-002258	C-AL;4700uF,20%,50V,GP,-,22x40mm,5m	
C20	2401-002258	C-AL;4700uF,20%,50V,GP,-,22x40mm,5m	
C22	2401-003116	C-AL;4700uF,20%,35V,-,BK,18X35.5,7.	
C23	2401-003116	C-AL;4700uF,20%,35V,-,BK,18X35.5,7.	
C19	2401-003756	C-AL;6800UF,20%,63V,GP,TP,25X50MM,1	
C18	2401-003756	C-AL;6800UF,20%,63V,GP,TP,25X50MM,1	
PW2	3711-000588	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
FW1	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5MM,STRAIGH	
CW3	3711-004110	CONNECTOR-HEADER;BOX,12P,1R,2MM,STRAIGHT	
CW2	3711-004110	CONNECTOR-HEADER;BOX,12P,1R,2MM,STRAIGHT	
CW1	3711-004110	CONNECTOR-HEADER;BOX,12P,1R,2MM,STRAIGHT	
PW1	3711-004942	CONNECTOR-HEADER;BOX,7P,1R,3.96MM,STRAIG	
AJ	3716-001179	TERMINAL-BLOCK;SOLDER,4P,6.3MM,60V,7A	
AJ1	3716-001205	TERMINAL-BLOCK;SOLDER,4P,6.3MM,60V,7A	
AUX1	3722-001606	JACK-PIN;4P,3.5mm,NI,BLK(WHT2/RED2),-	
	6002-000398	SCREW-TAPPING;BH,+,2,M3,L6,ZPC(YEL),SWCH	
	6003-000283	SCREW-TAPTITE;BH,+,B,M3,L8,ZPC(YEL),SM20	
IC-RL	AH13-00014A	IC HYBRID;SLA6102,EVE-1,15,-40~150,-,6A,	
IC-RR	AH13-00014A	IC HYBRID;SLA6102,EVE-1,15,-40~150,-,6A,	
IC-SW	AH13-00014A	IC HYBRID;SLA6102,EVE-1,15,-40~150,-,6A,	
IC-FR	AH13-00014A	IC HYBRID;SLA6102,EVE-1,15,-40~150,-,6A,	
IC-FL	AH13-00014A	IC HYBRID;SLA6102,EVE-1,15,-40~150,-,6A,	
IC-CT	AH13-00014A	IC HYBRID;SLA6102,EVE-1,15,-40~150,-,6A,	
L6	AH27-00052A	COIL CHOKE;8017PH-151K,HT-DB600,150UH,-,	
L3W	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
L3RR	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
L3RL	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
L3C	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
L3FL	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
L3FR	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
CCON1	AH39-00428A	WIRE HARNESS;HT-DM150,-,-,5P,-,-,26AWG,5	
PW3	AH39-00465A	LEAD CONNECTOR;-,-,-,8P,-,-,-,PH-08Y,SAN	
PD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
PD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D52	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D50W	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D50RR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D50RL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D53	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D54	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D56	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D57	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D58	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D38C	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D38FL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D38FR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D38RL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D38RR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D38W	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D50C	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D50FL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D50FR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D59	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D69	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D70	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D71	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D72	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D73	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D74	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D75	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D80	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D81	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D60	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D61	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D62	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D63	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D64	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	

Location no.	Code no.	Description & Specification	Remarks
D65	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D66	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D67	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D68	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D21	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D23	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D24	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D25	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D26	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D28	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D29	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D30	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D31	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D12	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D13	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D14	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D15	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D16	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D17	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D18	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D19	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D20	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D32	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D36RL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D36RR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D36W	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D37C	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D37FL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D37FR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D37RL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D37RR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D37W	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D35C	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D35FL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D35FR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D35RL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D35RR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D36FR	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D36FL	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D36C	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D35W	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
PD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D33	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D41W	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D41RR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D41RL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D41FR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D41FL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D41C	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D42W	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D42RR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D42RL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D42FR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D42FL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D42C	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D39W	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D39RR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D39RL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D39FR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D39FL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D39C	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D40W	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D40RR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D40RL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D40C	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D40FL	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
D40FR	0402-001484	DIODE-RECTIFIER;S2B,100V,1.5A,DO-214AA,T	
ZD6C	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD6FL	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD6FR	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD6RL	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD6RR	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD6W	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD5C	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD5FL	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD5FR	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD5W	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD5RR	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD5RL	0403-000344	DIODE-ZENER;UZ3.9B,3.9V,3.7-4.1V,500mW,D	
ZD35	0403-000379	DIODE-ZENER;UZP12B,12V,11.4-12.6V,1W,DO-	
ZD8	0403-000382	DIODE-ZENER;UZP15B,15V,13.9-15.6V,1W,DO-	
ZD7	0403-000382	DIODE-ZENER;UZP15B,15V,13.9-15.6V,1W,DO-	
PZD1	0403-000564	DIODE-ZENER;TZP16A,16V,15.3-17.1V,1W,DO-	
PZD2	0403-000564	DIODE-ZENER;TZP16A,16V,15.3-17.1V,1W,DO-	
ZD40	0403-000570	DIODE-ZENER;UZP18B,18V,16.9-19.1V,1W,DO-	
ZD16	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD17	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD18	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD19	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD20	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD9	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD10	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD11	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	

Location no.	Code no.	Description & Specification	Remarks
ZD12	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD13	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD14	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
ZD15	0403-001062	DIODE-ZENER;UDZ4.7B,4.55-4.75V,200mW,SOD	
Q9	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
Q41RL	0501-000296	TR-SMALL SIGNAL;KSA709-Y,PNP,800mW,TO-92	
Q41FR	0501-000296	TR-SMALL SIGNAL;KSA709-Y,PNP,800mW,TO-92	
Q41FL	0501-000296	TR-SMALL SIGNAL;KSA709-Y,PNP,800mW,TO-92	
Q40C	0501-000296	TR-SMALL SIGNAL;KSA709-Y,PNP,800mW,TO-92	
Q40RR	0501-000296	TR-SMALL SIGNAL;KSA709-Y,PNP,800mW,TO-92	
Q40W	0501-000296	TR-SMALL SIGNAL;KSA709-Y,PNP,800mW,TO-92	
Q13	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
Q16	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
Q97	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
Q7	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q40FL	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q40FR	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q40RL	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q41C	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q41RR	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q41W	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q35W	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
PQ10	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q35C	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q35FL	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q35RR	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q35RL	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q35FR	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9	
Q18FL	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q18FR	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q18RL	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q18RR	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q18W	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q8	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q18C	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q17C	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q17FL	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q17FR	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q17W	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q17RR	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q17RL	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q19W	0501-000354	TR-SMALL SIGNAL;KSC1845-F,NPN,500mW,TO-9	
Q19RR	0501-000354	TR-SMALL SIGNAL;KSC1845-F,NPN,500mW,TO-9	
Q19RL	0501-000354	TR-SMALL SIGNAL;KSC1845-F,NPN,500mW,TO-9	
Q19C	0501-000354	TR-SMALL SIGNAL;KSC1845-F,NPN,500mW,TO-9	
Q19FL	0501-000354	TR-SMALL SIGNAL;KSC1845-F,NPN,500mW,TO-9	
Q19FR	0501-000354	TR-SMALL SIGNAL;KSC1845-F,NPN,500mW,TO-9	
Q22W	0501-000359	TR-SMALL SIGNAL;KSC2310-Y,NPN,800mW,TO-9	
Q22RR	0501-000359	TR-SMALL SIGNAL;KSC2310-Y,NPN,800mW,TO-9	
Q22RL	0501-000359	TR-SMALL SIGNAL;KSC2310-Y,NPN,800mW,TO-9	
Q22C	0501-000359	TR-SMALL SIGNAL;KSC2310-Y,NPN,800mW,TO-9	
Q22FL	0501-000359	TR-SMALL SIGNAL;KSC2310-Y,NPN,800mW,TO-9	
Q22FR	0501-000359	TR-SMALL SIGNAL;KSC2310-Y,NPN,800mW,TO-9	
Q96	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q15	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q14	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q11	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q10	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q6	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,	
Q20W	0501-002188	TR-SMALL SIGNAL;KSA992,PNP,500MW,TO-92,T	
Q20RR	0501-002188	TR-SMALL SIGNAL;KSA992,PNP,500MW,TO-92,T	
Q20RL	0501-002188	TR-SMALL SIGNAL;KSA992,PNP,500MW,TO-92,T	
Q20C	0501-002188	TR-SMALL SIGNAL;KSA992,PNP,500MW,TO-92,T	
Q20FL	0501-002188	TR-SMALL SIGNAL;KSA992,PNP,500MW,TO-92,T	
Q20FR	0501-002188	TR-SMALL SIGNAL;KSA992,PNP,500MW,TO-92,T	
Q21W	0501-002332	TR-SMALL SIGNAL;KSA910,PNP,800mW,TO-92L,	
Q21RR	0501-002332	TR-SMALL SIGNAL;KSA910,PNP,800mW,TO-92L,	
Q21RL	0501-002332	TR-SMALL SIGNAL;KSA910,PNP,800mW,TO-92L,	
Q21FR	0501-002332	TR-SMALL SIGNAL;KSA910,PNP,800mW,TO-92L,	
Q21FL	0501-002332	TR-SMALL SIGNAL;KSA910,PNP,800mW,TO-92L,	
Q21C	0501-002332	TR-SMALL SIGNAL;KSA910,PNP,800mW,TO-92L,	
Q39	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
Q38	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
Q37	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
Q12	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
IC7	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
IC6	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
IC5	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
R90C	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R90FL	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R90FR	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R90RL	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R90RR	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R90W	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R85C	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R85FL	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R85FR	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R85RL	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R85RR	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R85W	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
PR20	2001-000211	R-CARBON;1OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R75	2001-000273	R-CARBON;100Kohm,5%,1/8W,AA,TP,1.8x3.2m	
R42	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3.2mm	

Location no.	Code no.	Description & Specification	Remarks
R40	2001-000331	R-CARBON;12Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
R36FR	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R36FL	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R36C	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R36RL	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R36RR	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R36W	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R33C	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R33FL	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R33FR	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R33W	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R33RR	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R33RL	2001-000700	R-CARBON;39KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R47	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m	
PR12	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R41	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
R142	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
R135	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
R89C	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R89FL	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R89FR	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R89RL	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R89RR	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R89W	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R86C	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R86FL	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R86FR	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R86RL	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R86RR	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R86W	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R160	2003-000765	R-METAL OXIDE(S);680ohm,5%,1W,AA,TP,3.3x	
R53	2007-000023	R-CHIP;120ohm,5%,1/8W,TP,2012	
R35C	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R35FL	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R35FR	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R35RL	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R35RR	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R35W	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R32C	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R32FL	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R32FR	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R32W	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R32RR	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R32RL	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
R88C	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R88FL	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R88FR	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R88RL	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R88RR	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R88W	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R79C	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R79FL	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R79FR	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R79W	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R79RR	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R79RL	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
R81FL	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R81C	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R74	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R71	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R65	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R63	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R99	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R98	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R81W	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R81RR	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R81RL	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R81FR	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R154L	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R152R	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R152L	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R144	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R143	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
PR16	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R58	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R56	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R54	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R51	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R50	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R154R	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
PR15	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	
PR8	2007-000355	R-CHIP;12Kohm,5%,1/8W,TP,2012	
R64	2007-000355	R-CHIP;12Kohm,5%,1/8W,TP,2012	
R75RR	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
R75RL	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
R75FR	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
R75FL	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
R75C	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
R77C	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R77FL	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R77FR	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R77RL	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R77RR	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	

Location no.	Code no.	Description & Specification	Remarks
R76C	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R76FL	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R76FR	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R76RL	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R76RR	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R97	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
R77W	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
R76W	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
R111	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
R128	2007-000498	R-CHIP;2.2Mohm,5%,1/8W,TP,2012	
R122	2007-000498	R-CHIP;2.2Mohm,5%,1/8W,TP,2012	
R117	2007-000498	R-CHIP;2.2Mohm,5%,1/8W,TP,2012	
R106	2007-000498	R-CHIP;2.2Mohm,5%,1/8W,TP,2012	
R100	2007-000498	R-CHIP;2.2Mohm,5%,1/8W,TP,2012	
R125	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R121	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R120	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R126	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R131	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R132	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R103	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R104	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R109	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R115	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R114	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R110	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
R56RR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R56W	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57C	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R56RL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R56FR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R56FL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R56C	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R67	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R62	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R59	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57W	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57RR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57RL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57FR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R57FL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55W	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R54RL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R54FR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R54FL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R54C	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R22	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R21	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
PR9	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
PR6	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55RR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55RL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55FR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55FL	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R54RR	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R54W	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R55C	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
R83FR	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R83FL	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R83C	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R83RL	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R83RR	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R83W	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R82C	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R82FL	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R82FR	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R82RL	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R82RR	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R82W	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
R73	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
R52	2007-000766	R-CHIP;330ohm,5%,1/8W,TP,2012	
R70	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R75W	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R84C	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R84FL	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R84FR	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R84RL	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R84RR	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R84W	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R69	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R151L	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R151R	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R153L	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R153R	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R61	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R43	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R20	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R19	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
R68	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
R66	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
R150	2007-000881	R-CHIP;4.7ohm,5%,1/8W,TP,2012	

Location no.	Code no.	Description & Specification	Remarks
R127	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R116	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R105	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R96	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R49	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R48	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R39FR	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R138	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R139	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R39FL	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R87W	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
R87RR	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
R87RL	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
R87C	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
R87FL	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
R87FR	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
R80C	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R78W	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R78RR	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R78RL	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R78FR	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R80W	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R80RR	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R80RL	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R80FR	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R80FL	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R38FR	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R38FL	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R38C	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R18	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R17	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R78FL	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R78C	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R38W	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R38RR	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R38RL	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R60	2007-001118	R-CHIP;680ohm,5%,1/8W,TP,2012	
R118	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R123	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R129	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R72	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R112	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
PR17	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
PR7	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R101	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R107	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R37FR	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R37FL	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R37C	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R37RL	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R37RR	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R37W	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R34C	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R34FL	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R34FR	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R34W	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R34RR	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R34RL	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
C83C	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C83FL	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C83FR	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C83RL	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C83RR	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C82C	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C82FL	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C82FR	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C82RL	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
C82RR	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
PC20	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,	
PC19	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,	
C17	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,	
C16	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,	
C15	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,	
C33RR	2201-000547	C-CERAMIC,DISC;4.7NF,20%,500V,Y5T,TP,14X	
C81C	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C81FL	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C81FR	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C81RL	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C81RR	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C80C	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C80FL	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C80FR	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C80RL	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C80RR	2201-002126	C-CERAMIC,DISC;0.022NF,5%,500V,Y5P,TP,6.	
C125	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
C124	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
C136	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
C118	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
C107	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
C10	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
C101	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
C104	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
C44W	2203-000295	C-CERAMIC,CHIP;0.01NF,5%,50V,C0G,TP,2012	

Location no.	Code no.	Description & Specification	Remarks
C123	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C122	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C121	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C120	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
C41W	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012	
C14	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012	
C13	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012	
C61R	2203-000787	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C61L	2203-000787	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C60R	2203-000787	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C60L	2203-000787	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C49RL	2203-000858	C-CERAMIC,CHIP;0.039NF,5%,50V,C0G,TP,201	
C49RR	2203-000858	C-CERAMIC,CHIP;0.039NF,5%,50V,C0G,TP,201	
C49W	2203-000858	C-CERAMIC,CHIP;0.039NF,5%,50V,C0G,TP,201	
C49C	2203-000858	C-CERAMIC,CHIP;0.039NF,5%,50V,C0G,TP,201	
C49FL	2203-000858	C-CERAMIC,CHIP;0.039NF,5%,50V,C0G,TP,201	
C49FR	2203-000858	C-CERAMIC,CHIP;0.039NF,5%,50V,C0G,TP,201	
C44RR	2203-001256	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C44RL	2203-001256	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C44FR	2203-001256	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C44FL	2203-001256	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C44C	2203-001256	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C41RR	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C41RL	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C41C	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C141FR	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C141FL	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C47RL	2303-000312	C-FILM,PPF;100nF,5%,63V,TP,7.5x12.5x3.5,	
C47RR	2303-000312	C-FILM,PPF;100nF,5%,63V,TP,7.5x12.5x3.5,	
C47W	2303-000312	C-FILM,PPF;100nF,5%,63V,TP,7.5x12.5x3.5,	
C47C	2303-000312	C-FILM,PPF;100nF,5%,63V,TP,7.5x12.5x3.5,	
C47FL	2303-000312	C-FILM,PPF;100nF,5%,63V,TP,7.5x12.5x3.5,	
C47FR	2303-000312	C-FILM,PPF;100nF,5%,63V,TP,7.5x12.5x3.5,	
PC2	2401-000357	C-AL;100UF,0.2.50V,GP,8*12,5MM,SSL	
C29	2401-000459	C-AL;10uF,20%,35V,GP,TP,5.5x7mm,5mm	
C28	2401-000459	C-AL;10uF,20%,35V,GP,TP,5.5x7mm,5mm	
C43W	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
C43RR	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
C43RL	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
C43FR	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
C43FL	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
C43C	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
C99	2401-000918	C-AL;22uF,20%,16V,GP,-,6.3x7,5	
PC17	2401-001092	C-AL;330uF,20%,10V,GP,-,8x11.5,5mm	
C40W	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
C40RR	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
C40RL	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
C40C	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
C40FL	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
C40FR	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
C129	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
C56	2401-001511	C-AL;47uF,20%,16V,GP,6*7,5MM,TP	
C55	2401-001511	C-AL;47uF,20%,16V,GP,6*7,5MM,TP	
C54	2401-001511	C-AL;47uF,20%,16V,GP,6*7,5MM,TP	
C52	2401-001511	C-AL;47uF,20%,16V,GP,6*7,5MM,TP	
C37	2401-001511	C-AL;47uF,20%,16V,GP,6*7,5MM,TP	
C39	2401-001538	C-AL;47uF,20%,25V,GP,TP,5x11mm,5mm	
PC9	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
PC8	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
PC7	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
C25	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
C26	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
C27	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
C32	2401-001919	C-AL;2.2uF,20%,50V,GP,4*7,5MM,TP	
C31	2401-001969	C-AL;470uF,20%,25V,GP,TP,10x12.5,5	
C30	2401-001969	C-AL;470uF,20%,25V,GP,TP,10x12.5,5	
	AH92-01843B	**ASSY PCB-FUNCTION;HT-D750,FUNCTION PCB A S.N.A**	
UW4-1	3708-000266	CONNECTOR-FPC/FFC/PIC;32P,1.25mm,STRAIGH	
UW6	3708-001539	CONNECTOR-FPC/FFC/PIC;30P,1mm,ANGLE,SN	
UW7	3710-001421	CONNECTOR-SOCKET;14P,1R,2mm,ANGLE,SN	
UW8	3710-001421	CONNECTOR-SOCKET;14P,1R,2mm,ANGLE,SN	
CW3-1	3710-001422	CONNECTOR-SOCKET;12P,1R,2mm,ANGLE,SN	
CW2-1	3710-001422	CONNECTOR-SOCKET;12P,1R,2mm,ANGLE,SN	
CW1-1	3710-001422	CONNECTOR-SOCKET;12P,1R,2mm,ANGLE,SN	
UW5	AH39-00476A	CONNECT WIRE;HT-DB300,2851,-,4P,400MM,-,	
UD501	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD500	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
HD2	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
FD1	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
FD502	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
HD1	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
FZD5	0403-000363	DIODE-ZENER;UZ6.8BH,6.8V,6.8-7.2V,500MW	
FZD6	0403-000363	DIODE-ZENER;UZ6.8BH,6.8V,6.8-7.2V,500MW	
FZD1	0403-000372	DIODE-ZENER;UZ9.1BM,9.1V,8.7-9.4V,500mW,	
FQ4	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
FQ6L	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
FQ6R	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
HQ2L	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
HQ2R	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
RQ1	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
CQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
FQ10L	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	

Location no.	Code no.	Description & Specification	Remarks
FQ10R	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
FQ3R	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
FQ3L	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
FQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
RQ2R	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
RQ2L	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
FQ2R	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
FQ2L	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
CQ2	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
FQ7	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
HQ1	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
RQ1L	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
RQ1R	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
FQ2	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
FQ1R	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
FQ1L	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
FQ11	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
CQ1	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
UIC2	0904-001316	IC-I/O CONTROLLER;M66010,24BIT,SOP,32P,2	
SIC1	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
RIC2	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
HIC1	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
FIC9	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
FIC7	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
CIC2	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
FIC2	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
FIC4	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
FIC6	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
FIC3	1204-001465	IC-VOLUME/TONE CONT.;TDA7440D,SOP,28,18.	
FIC5	1204-002001	IC-VOLUME/TONE CONT.;M62446AFP,SSOP,42P,	
FR31	2001-001077	R-CARBON(S);150ohm,5%,1/2W,AA,TP,2.4x6.4	
FR30	2001-001077	R-CARBON(S);150ohm,5%,1/2W,AA,TP,2.4x6.4	
FR15	2001-001195	R-CARBON(S);82ohm,5%,1/2W,AA,TP,2.4x6.4m	
FR57	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR58	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR59	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR56	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR44	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR43	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
HR911R	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
HR911L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR69	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR66	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR61	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR60	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR42	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR35	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR34	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR33	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR32	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR14	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR13	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR41	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR40	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR39	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR36	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR37	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
FR38	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
SR18	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
SR14	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
HR9	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
HR8	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
HR11	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
HR10	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
FR68	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
FR68R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR68L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR67R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR67L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR56R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR56L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR55	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
UR525	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR14R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR14L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR10R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
RR10L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
HR4	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR73	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR54	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR17L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR12R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR12L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR1	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
CR6	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
CR14	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
CR10	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR52	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR49	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR25R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR25L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR17R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
FR23L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	

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FR23R	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
UR503	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
UR504	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
UR508	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
UR509	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
UR510	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
UR511	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
FR10L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
FR10R	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
FR71L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
HR3R	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
HR3L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
FR71R	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
FR42R	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR42L	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR16R	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR11L	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR11R	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
FR16L	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
SR21	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
RR13R	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
RR13L	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
CR13	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
FR20L	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
FR20R	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	
UR513	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR512	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR507	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR505	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR514	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR524	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR522	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR520	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR519	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR518	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR57L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR53	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR50	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR48	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR46	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR57R	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
UR500	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
HR2R	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
HR2L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR58R	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR58L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
FR43R	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
FR43L	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	
FR59R	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
RR11L	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
RR11R	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
SR19	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
CR11	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
FR18L	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
FR18R	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
FR59L	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
FR8	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
HR7L	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
HR7R	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
RR7	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
CR21	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
FR60L	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
FR60R	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
FR7	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
FR61L	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
FR61R	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
HR5L	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
HR5R	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
FR44L	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
FR44R	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
FR47	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
FR51	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
SR13	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608	
SR11	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608	
SR10	2007-000101	R-CHIP;82Kohm,5%,1/10W,TP,1608	
SR6	2007-000101	R-CHIP;82Kohm,5%,1/10W,TP,1608	
HR1R	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
HR1L	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
RR16R	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
RR16L	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
FR22R	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
FR22L	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
CR16	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
HR6R	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
HR6L	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
FR21R	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
RR12L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
RR12R	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
RR15L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
RR15R	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
CR12	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
CR15	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	

Location no.	Code no.	Description & Specification	Remarks
FR19L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
FR19R	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
FR21L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
HR13L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
HR13R	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
UR517	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
UR521	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
UR526	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
FR45	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
FR65L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
FR65R	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
FR72L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
FR72R	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
SR12	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	
FR62R	2007-000130	R-CHIP;39Kohm,5%,1/10W,TP,1608	
FR62L	2007-000130	R-CHIP;39Kohm,5%,1/10W,TP,1608	
FR24R	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
FR24L	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
SR20	2007-000643	R-CHIP;270ohm,5%,1/10W,TP,1608	
FR70R	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
FR70L	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
UC512	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
UC511	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
UC510	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
UC503	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
UC502	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
FC49	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
FC47	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
SC12	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
RC12R	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
RC12L	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
FC24R	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
FC24L	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
FC11R	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
FC11L	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
CC7	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
CC11	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
SC25	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
SC19	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
RC13R	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
RC13L	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
HC6R	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
CC12	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
FC25L	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
FC25R	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
HC6L	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
FC40	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
FC35	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
FC62	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
FC63	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
SC11	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
UC504	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
FC18L	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
FC18R	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
FC22L	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
FC22R	2203-000972	C-CERAMIC,CHIP;47nF,10%,16V,X7R,TP,1608	
FC17R	2203-001034	C-CERAMIC,CHIP;5.6nF,10%,50V,X7R,TP,1608	
FC17L	2203-001034	C-CERAMIC,CHIP;5.6nF,10%,50V,X7R,TP,1608	
FC36	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
FC39	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
HC8R	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
HC8L	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
RC11R	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
RC11L	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
HC1R	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
HC1L	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
CC10	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
FC23L	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
FC23R	2401-000213	C-AL;100nF,20%,50V,GP,TP,3x5,2.5	
FC53	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC54	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC55	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC56	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC19	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC45	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC51	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC52	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
FC44R	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5	
FC44L	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5	
FC43R	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5	
FC43L	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5	
FC16L	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC15R	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC15L	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC16R	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC48	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
RC8L	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
RC8R	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
CC8	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC12L	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC12R	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC13L	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC13R	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	

Location no.	Code no.	Description & Specification	Remarks
FC14L	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
FC14R	2401-000650	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,2.5	
SC20	2401-000752	C-AL;220nF,20%,50V,GP,3*5,2.5MM,TP	
FC38	2401-000752	C-AL;220nF,20%,50V,GP,3*5,2.5MM,TP	
FC37	2401-000752	C-AL;220nF,20%,50V,GP,3*5,2.5MM,TP	
UC500	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,5MM,TP	
HC4	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
RC15L	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
RC15R	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
UC506	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
FC65	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
FC27R	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
FC27L	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
FC1	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
CC14	2401-000909	C-AL;22uF,20%,16V,GP,TP,5x5,2.5	
HC3	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5	
SC8	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
SC13	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
FC9R	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
FC9L	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
FC21L	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
FC21R	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
FC50	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
FC57	2401-001238	C-AL;4.7uF,20%,25V,GP,3*5,2.5MM,TP	
RC14L	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
RC14R	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
SC18	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
CC13	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
FC26L	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
FC26R	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5	
FC46	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
HC2	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
HC5L	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
HC5R	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
FC20	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
FC30	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
FC31	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
FC32	2401-001502	C-AL;47uF,20%,16V,GP,TP,6.3x5,2.5	
FC42	2401-002186	C-AL;3.3UF,20%,50V,GP,BK,4X5,2.5	
FC41	2401-002186	C-AL;3.3UF,20%,50V,GP,BK,4X5,2.5	
	AH92-01847A	**ASSY PCB;HT-DB350,DSP PCB ASSY S.N.A**	
LED1	0601-001232	LED;TR,LED,1PCS,130-260%	
LED2	0601-001236	LED;ROUND,AMB,3.1mm,610nm	
LED3	0601-001238	LED;ROUND,RED,3.1mm,697nm	
U10	0801-001042	IC-CMOS LOGIC;74HC157,MULTIPLEXER,SOP,16	
U13	0801-001042	IC-CMOS LOGIC;74HC157,MULTIPLEXER,SOP,16	
U17	0801-002469	IC-CMOS LOGIC;74HC14,SCHMITT INVERTER,TS	
U15	0801-002564	IC-CMOS LOGIC;74VHCT244A,BUFFER,TSSOP,20	
U14	0802-001007	IC-BICMOS LOGIC;74LCX244,BUFFER/LINE DRI	
U2	0904-001757	IC-DSP;TMS320VC5410A,16BIT,S-PQFP,144	
U4	1106-001455	IC-SRAM;M21L216128A,128KX16BIT,TSOP,44	
U3	1107-001392	IC-FLASH MEMORY;AT49BV8192A,1MX8/512KX16	
U8	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
U7	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
U6	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m	
U11	1203-002425	IC-POSI.FIXED REG.;AP1117,SOT-223,3P,138	
U16	1203-002425	IC-POSI.FIXED REG.;AP1117,SOT-223,3P,138	
U12	1203-002935	IC-POSI.ADJUST REG.;AIC1117ACE,TO-252,3P	
U5	1205-002215	IC-CODEC;STAC9460S,SSOP,28P,10.2X5.3MM,	
U1	1301-001633	IC-CPLD;LC4032V-75T48C,TQFP,48P,-,7.5N	
R44	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R45	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R68	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R69	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R40	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R158	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R150	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R149	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R70	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R96	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R95	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R92	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R90	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R76	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R73	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R72	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R71	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R146	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R133	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R131	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R130	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R109	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R108	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R102	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
J25	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R134	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R142	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R141	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R140	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R139	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R135	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	

Location no.	Code no.	Description & Specification	Remarks
R136	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R137	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R138	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
R58	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R57	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R56	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R55	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R59	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R60	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R65	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R93	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R54	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R101	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R105	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R42	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R43	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R53	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R52	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R51	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R50	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
R63	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
R62	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
R61	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
R100	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
R123	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R14	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R21	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R26	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R41	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R11	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R119	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R12	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R120	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
R33	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R30	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R3	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R29	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R28	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R9	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R7	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R64	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R6	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R5	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R23	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R16	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R15	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R13	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R10	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R1	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R22	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R20	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R2	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R18	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R17	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
R49	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R48	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R47	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R46	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
R34	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
R4	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
R8	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
R19	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
R24	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
R25	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
R81	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
R156	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
R155	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
R154	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
R153	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
R152	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
R32	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
R31	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
R27	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
R157	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
R94	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
	2007-000455	R-CHIP;18Kohm,1%,1/10W,TP,1608	
R66	2007-000657	R-CHIP;27ohm,1%,1/10W,TP,1608	
R84	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R85	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R97	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R98	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R99	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R143	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R144	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R145	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R151	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
R83	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
C71	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C73	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C75	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C81	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C69	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Location no.	Code no.	Description & Specification	Remarks
C67	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C65	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C4	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C16	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C99	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C96	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C95	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C9	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C86	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C85	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C84	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C83	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C82	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C107	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C106	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C105	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C104	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C103	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C102	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C101	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C100	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C1	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C134	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C128	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C127	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C117	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C111	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C108	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C109	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C11	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C110	2203-000178	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C8	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
C6	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
C5	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
C49	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C38	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C36	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C27	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C13	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C15	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C23	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C51	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
C47	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
C43	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
C33	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
C31	2203-000531	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,1608	
C130	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C131	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C132	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C133	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C129	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C123	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C124	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C125	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C126	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
C64	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
C58	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
C40	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
C37	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
C22	2203-000783	C-CERAMIC,CHIP;0.33NF,5%,50V,C0G,TP,1608	
C50	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
C52	2203-001389	C-CERAMIC,CHIP;12nF,10%,50V,X7R,TP,1608,	
C42	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C44	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C46	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C53	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C57	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C21	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C26	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C28	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C29	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
C34	2203-001518	C-CERAMIC,CHIP;1.8nF,10%,50V,X7R,TP,2012	
R139(side)	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C54	2203-005221	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,1608,	
C122	2203-005221	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,1608,	
C121	2203-005221	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,1608,	
C70	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C72	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C74	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C76	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C77	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C97	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C98	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C113	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C118	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C12	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C2	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C7	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C68	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C66	2402-000009	C-AL,SMD;47uF,20%,6.3V,GP,TP,5.3x5.3x5.	
C119	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
C48	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C45	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	

Location no.	Code no.	Description & Specification	Remarks
C35	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C32	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C30	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C3	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C14	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C10	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C88	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C87	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C56	2402-001100	C-AL,SMD;0.1uF,20%,50V,GP,TP,4.3x4.3x5.	
C55	2402-001100	C-AL,SMD;0.1uF,20%,50V,GP,TP,4.3x4.3x5.	
C41	2402-001100	C-AL,SMD;0.1uF,20%,50V,GP,TP,4.3x4.3x5.	
C39	2402-001100	C-AL,SMD;0.1uF,20%,50V,GP,TP,4.3x4.3x5.	
C25	2402-001100	C-AL,SMD;0.1uF,20%,50V,GP,TP,4.3x4.3x5.	
C24	2402-001100	C-AL,SMD;0.1uF,20%,50V,GP,TP,4.3x4.3x5.	
OSC	2804-001576	OSCILLATOR-CLOCK;16MHZ,50PPM,10TTL,15PF,	
L56	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L54	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L52	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L5	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L35	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L9	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L8	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L7	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L6	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L58	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L24	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L23	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L22	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L2	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L1	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L34	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L33	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L29	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L26	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L25	3301-000353	BEAD-SMD;AB,120ohm,2x1.25x0.9mm,200mA,T	
L4	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L39	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L38	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L40	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L41	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L42	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L43	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L28	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L3	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L30	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L31	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L32	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L36	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L37	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L44	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L53	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L55	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L57	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L59	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L60	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L61	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L62	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L45	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L46	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L47	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L48	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L49	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L50	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L51	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L27	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C19	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C78	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C79	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C80	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C89	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C90	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C91	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C112	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C114	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C115	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C116	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C120	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C17	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C18	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C92	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L15	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L16	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L17	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L18	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L19	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L20	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L21	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C93	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
C94	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L10	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L11	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L12	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
L13	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	

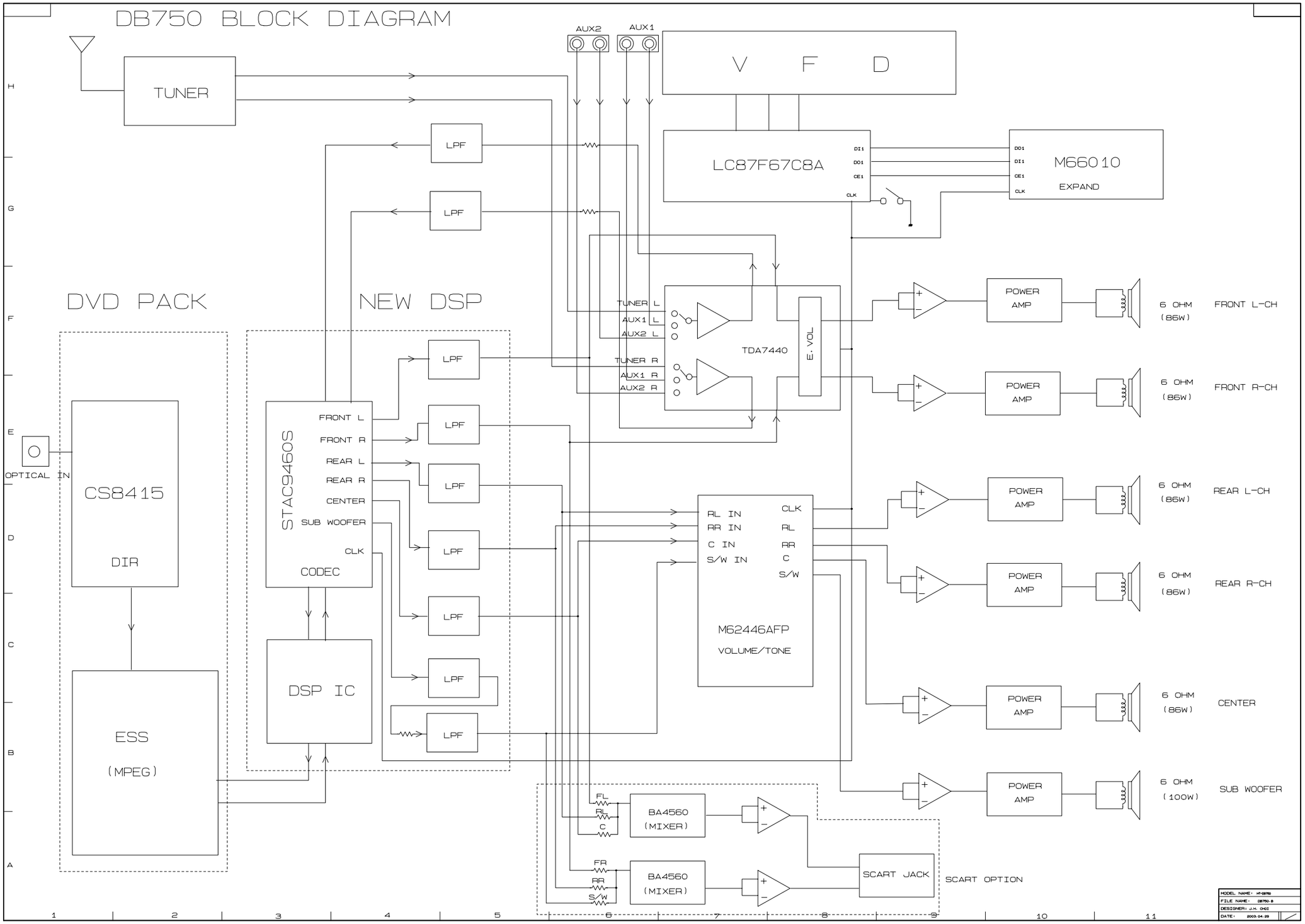
Location no.	Code no.	Description & Specification	Remarks
L14	3301-001495	BEAD-SMD;AB,120OHM,2.0X1.2X0.9MM,2500MA	
CON4	3708-001417	CONNECTOR-FPC/FFC/PIC;30P,1MM,SMD-S,SN	
CON5	3708-001767	CONNECTOR-FPC/FFC/PIC,20P,1MM,SMD-S,SN	
	AH92-01882A	**ASSY PCB-FRONT(DB750RH);HTDB750RH,FRONT S.N.A**	
ULD5	0601-001432	LED;ROUND,BLUE,3mm,455nm	
ULD4	0601-001432	LED;ROUND,BLUE,3mm,455nm	
ULD3	0601-001432	LED;ROUND,BLUE,3mm,455nm	
ULD2	0601-001432	LED;ROUND,BLUE,3mm,455nm	
ULD1	0601-001432	LED;ROUND,BLUE,3mm,455nm	
UX1	2802-001174	RESONATOR-CERAMIC;10MHZ,0.5%,BK,8X3.5X3M	
E-VR	3406-001047	SWITCH-ROTARY;5V DC,0.5mA,-,12mm	
UCW6	3708-000448	CONNECTOR-FPC/FFC/PIC;6P,1.25mm,STRAIGHT	
UCW1	3708-001043	CONNECTOR-FPC/FFC/PIC;32P,1.25mm,STRAIGH	
HCW1	3710-000209	CONNECTOR-SOCKET;5P,1R,2mm,STRAIGHT,SN	
UCW3	3711-000907	CONNECTOR-HEADER;BOX,3P,1R,2mm,STRAIGHT,	
UCW4	3711-000968	CONNECTOR-HEADER;BOX,4P,1R,2mm,STRAIGHT,	
UCW5	3711-000968	CONNECTOR-HEADER;BOX,4P,1R,2mm,STRAIGHT,	
UCW2	3711-001062	CONNECTOR-HEADER;BOX,6P,1R,2mm,STRAIGHT,	
HCW1-1	3711-001556	CONNECTOR-HEADER;NOWALL,5P,1R,2MM,ANGLE,	
MJACK	3722-000351	JACK-PHONE;11P,3.5PI,AG,BLK,-	
HJACK	3722-000351	JACK-PHONE;11P,3.5PI,AG,BLK,-	
FLT	AH07-00068A	VF DISPLAY;HNAC11SM37T,HT-DB300,118.2*20	
UCW2-1	AH39-00478A	HARNESS;HT-DB300,-,-,6P,-,-,1007#26,35	
UCW3-1	AH39-00479A	WIRE HARNESS;HT-DB300,-,-,3P,-,-,26AWG,5	
UCW4-1	AH39-00490A	LEAD CONNECTOR;HT-DB750,1007#26,-,4P,250	
UEYE	AH59-60001J	MODULE REMOCON;GP1U271R,38KHZ,-,MESH,-,	
UD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
UD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
UD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
UD22	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD21	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD20	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD2	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD19	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD23	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD9	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD8	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD7	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD6	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD24	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD12	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD11	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD10	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
HD2	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
HD1	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD13	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD18	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD17	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD16	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD15	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UD14	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
UZD1	0403-000369	DIODE-ZENER;UZ8.2BM,8.2V,7.9-8.5V,500mW,	
UQ4	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
UQ8	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UQ6	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UQ2	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UQ10	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
UQ3	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
ULD6	0601-001238	LED;ROUND,RED,3.1mm,697nm	
UIC1	0903-001273	IC-MICROCONTROLLER;LC87F67C8A,8BIT,QFP,1	
UR2	2001-000023	R-CARBON;47OHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR1	2001-000023	R-CARBON;47OHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR27	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
UR37	2001-000855	R-CARBON;560ohm,5%,1/4W,AA,TP,2.4x6.4mm	
UR33	2001-000855	R-CARBON;560ohm,5%,1/4W,AA,TP,2.4x6.4mm	
UR29	2001-000855	R-CARBON;560ohm,5%,1/4W,AA,TP,2.4x6.4mm	
HJO	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
HR2	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
UR20	2007-000221	R-CHIP;1.2Kohm,5%,1/8W,TP,2012	
UR21	2007-000241	R-CHIP;1.5Kohm,5%,1/8W,TP,2012	
UR22	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
UR290	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR289	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR288	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR62	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR6	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR58	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR57	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR56	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR63	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR82	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR81	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR7	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR65	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR64	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR55	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR48	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR4	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR3	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR26	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR16	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR49	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR54	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR53	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR52	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR51	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR50	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR27	2007-000449	R-CHIP;180ohm,5%,1/8W,TP,2012	
UR47	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR19	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR12	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
UR23	2007-000518	R-CHIP;2.7Kohm,5%,1/8W,TP,2012	
UR14	2007-000565	R-CHIP;220Kohm,5%,1/8W,TP,2012	
UR15	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
UR24	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
UR13	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
UR74	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR75	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR76	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR77	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR78	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR79	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR80	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR59	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR60	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR61	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR70	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR73	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR72	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR71	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR25	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
UR18	2007-001201	R-CHIP;820ohm,5%,1/8W,TP,2012	
UR10	2007-001654	R-CHIP;10Mohm,1%,1/8W,TP,2012	
HC1G	2202-000851	C-CERAMIC,MLC-AXIAL;270PF,10%,50V,Y5P,TP	
UC1	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
UC3	2203-000203	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,2012	
HC3R	2203-000239	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,2012	
HC3L	2203-000239	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,2012	
UC18	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
HC2R	2203-000533	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,2012	
HC2L	2203-000533	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,2012	
UC14	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
UC13	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
UC12	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
UC4	2401-000475	C-AL;10uF,20%,50V,GP,TP,5x11mm,5mm	
UC8	2401-000759	C-AL;220nF,20%,50V,GP,TP,5x11mm,5mm	
UC9	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
UC15	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
UC11	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
UC5	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm	
UC1	2409-000123	C-EDL;47000uF,4uA,5.5V,-,BK,-,5mm	
HL1L	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
HL1R	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
SW5	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW6	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW7	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW8	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW9	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW1	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW10	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW2	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW3	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SW4	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
	AH92-01883A	**ASSY PCB-JACK(DB750RH);HTDB750RH,JACK PC S.N.A**	
OJACK2	0603-001126	OPTIC TRANSMITTER;5V,13.2MB/S,5M,-14.5DB	
TCW2	3708-001094	CONNECTOR-FPC/FFC/PIC;13P,1.25mm,STRAIGH	
JCN2	3708-001760	CONNECTOR-FPC/FFC/PIC;20P,1MM,STRAIGHT,S	
UW8-S	3711-004109	CONNECTOR-HEADER;BOX,14P,1R,2MM,STRAIGHT	
UW7-S	3711-004109	CONNECTOR-HEADER;BOX,14P,1R,2MM,STRAIGHT	
SCRT1	3722-001682	JACK-SCART;21P,-,SN,BLK,-	
VSW1	AH34-00015A	SWITCH SLIDE;KSA-2272AB,SLIDE,-,-,50V,0.	
VJACK4	AH37-00005A	JACK-–RCA;1P,S-440B,YELLOW,-,SHIELD PLAT	
VQ2	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
VQ1	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
VQ3	0501-000637	TR-SMALL SIGNAL;2SC1740S,NPN,300mW,SPT,T	
VQ5	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
VQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
VR51	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR50	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR53	2001-000302	R-CARBON;10ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR61	2001-000515	R-CARBON;220ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR62	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m	
VR65	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP,1.8x3.2m	
VR63	2001-000857	R-CARBON;560ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR64	2001-000857	R-CARBON;560ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR58	2001-000938	R-CARBON;68ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR57	2001-000938	R-CARBON;68ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR60	2001-000969	R-CARBON;75ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR59	2001-000969	R-CARBON;75ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR56	2001-000969	R-CARBON;75ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR165	2001-000969	R-CARBON;75ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR54	2001-000969	R-CARBON;75ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VR55	2001-000969	R-CARBON;75ohm,5%,1/8W,AA,TP,1.8x3.2mm	
VC50	2201-000163	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,7	

Location no.	Code no.	Description & Specification	Remarks
VC51	2201-000163	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,7	
VC87	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
VC82	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
VC81	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
VC61	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
VC60	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
VC59	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
OC2	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
OC5	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
VC57	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
VC64	2202-000847	C-CERAMIC,MLC-AXIAL;1,8nF,30%,50V,Y5S,TP	
VC56	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5	
VC55	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5	
VC54	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5	
VC53	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5	
VC52	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5	
VC58	2401-001893	C-AL;100uF,20%,16V,GP,6*7,5MM,TP	
VL5L	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
VL5R	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
VL2	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
OL2	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
VJ80	3301-000297	BEAD-AXIAL;3.6x1.2x5.7mm,1400,2900G	
	AH92-01884A	**ASSY PCB-POWER(DB750RH);HTDB750RH,POWER S.N.A**	
RBD1	0402-001077	DIODE-BRIDGE;KBP202G,200V,2A,SIP-4	
RIC2	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
RIC1	1203-000276	IC-POSI.FIXED REG.;7805,TO-220,3P,-,PLAS	
RC4	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
RC3	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
RC2	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
RC1	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
RC6	2401-001413	C-AL;470uF,20%,35V,GP,-,10x20,5mm	
RE3	3501-001008	RELAY-POWER;12VDC,530MW,10000MA,1FORMC,1	
RE1	3501-001254	RELAY-MINIATURE;12VDC,0.25W,10000MA,SPST	
RFU1	3601-000282	FUSE;250V,4A,TIME-LAG,GLASS,5.2x20m	
RFU3	3601-000319	FUSE;-,80mA,-,-,15.5mm	
RCW1	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92MM,STRA	
RCW3	3711-001018	CONNECTOR-HEADER;BOX,5P,1R,2mm,STRAIGHT,	
RCW2	3711-004848	CONNECTOR-HEADER;BOX,3P,1R,7.92MM,STRAIG	
RPT1	AH26-00143C	TRANS POWER;-,HT-DL100,-,6,276V,24V/9V,0	
RL4	AH27-00054A	COIL FILTER;HT-DB300,600UH##30%,-,10T,27	
RD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
RD9	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD8	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD7	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD4	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RZD3	0403-000004	DIODE-ZENER;UZ12BM,12V,11.6-12.4V,500mW,	
RZD2	0403-000352	DIODE-ZENER;UZ4.7BM,4.7V,4.4-5.0V,500mW,	
RZD1	0403-000354	DIODE-ZENER;UZ5.1B,5.1V,4.8-5.4V,500mW,D	
RQ2	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
RQ3	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
RQ1	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
RR4	2001-000050	R-CARBON;2.7Kohm,5%,1/4W,AA,TP,2.4x6.4m	
RR14	2001-000273	R-CARBON;100Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR17	2001-000273	R-CARBON;100Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR19	2001-000273	R-CARBON;100Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR18	2001-000331	R-CARBON;12Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
RR30	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
RR5	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR2	2001-000472	R-CARBON;2.7Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR15	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR7	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
RR9	2001-000702	R-CARBON;39Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
RR16	2001-000773	R-CARBON;470Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR11	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
RR12	2001-000864	R-CARBON;56Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
RR6	2001-000890	R-CARBON;6.8Kohm,5%,1/8W,AA,TP,1.8x3.2m	
RR8	2001-001050	R-CARBON(S);1.5Kohm,5%,1/2W,AA,TP,2.4x6.	
RR10	2003-000603	R-METAL OXIDE(S);270ohm,5%,1W,AA,TP,3.3x	
RR3	2003-000603	R-METAL OXIDE(S);270ohm,5%,1W,AA,TP,3.3x	
RC5	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,	
RD6	2202-000821	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
RC8	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,5	
RC12	2401-000795	C-AL;220uF,20%,16V,GP,TP,8x12mm,5mm	
RC10	2401-001538	C-AL;47uF,20%,25V,GP,TP,5x11mm,5mm	
RC9	2401-001912	C-AL;1uF,20%,50V,GP,5*11,5mm,TP	
RC7	2401-001912	C-AL;1uF,20%,50V,GP,5*11,5mm,TP	
RC13	2401-001912	C-AL;1uF,20%,50V,GP,5*11,5mm,TP	
RC11	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
RFU3	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	
RFU1	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	

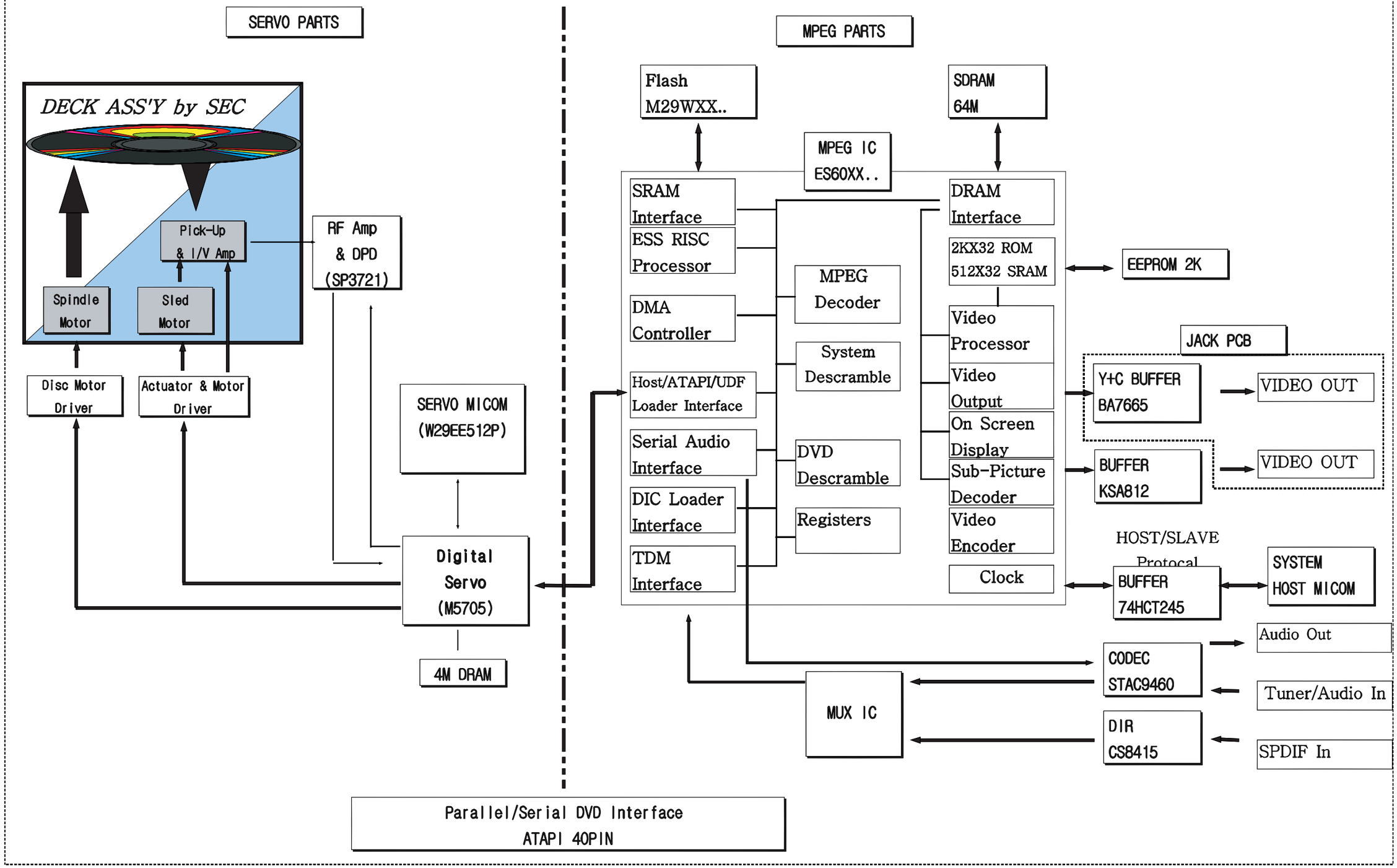
Location no.	Code no.	Description & Specification	Remarks

4. Block Diagram

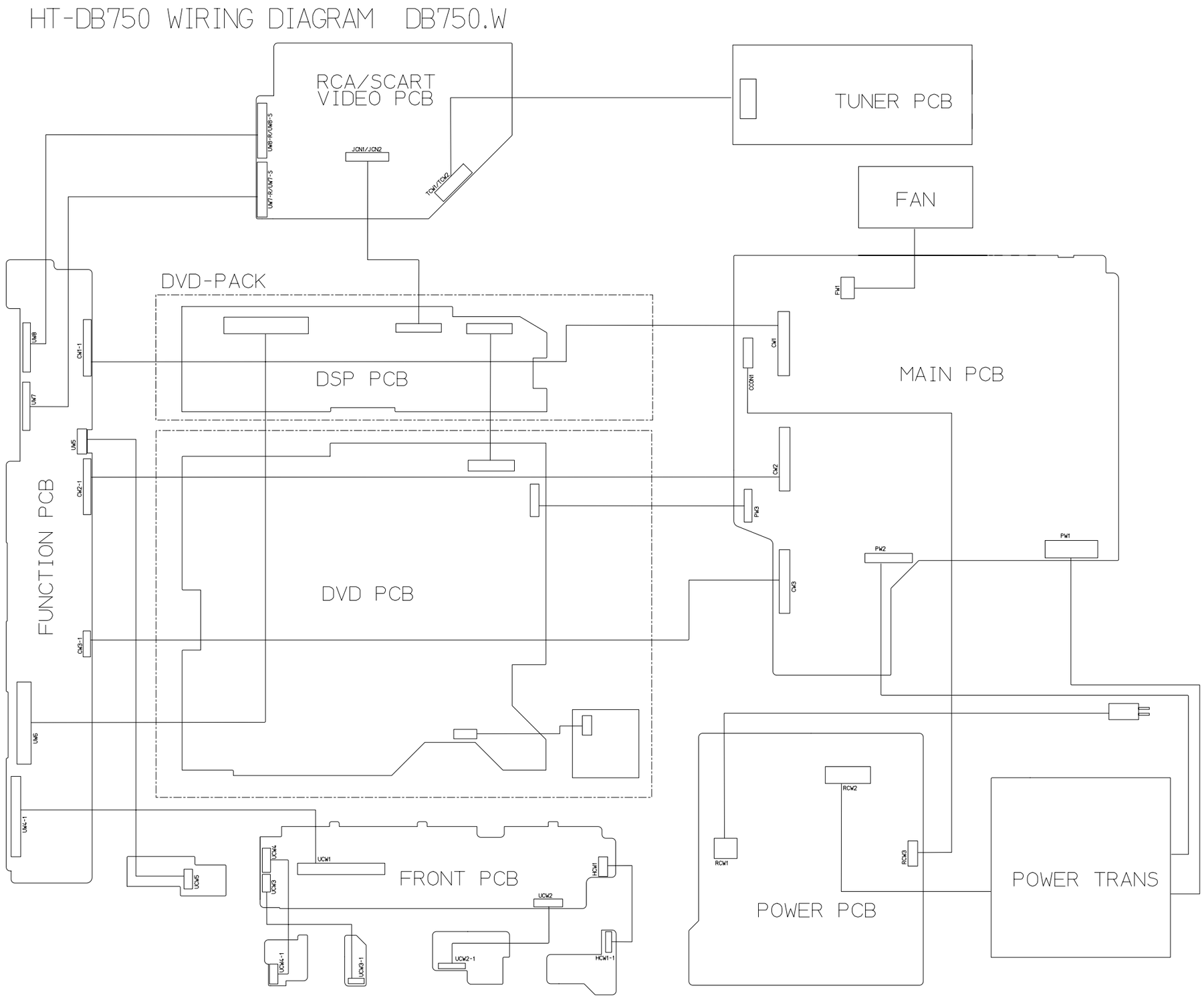
4-1 MAIN Part



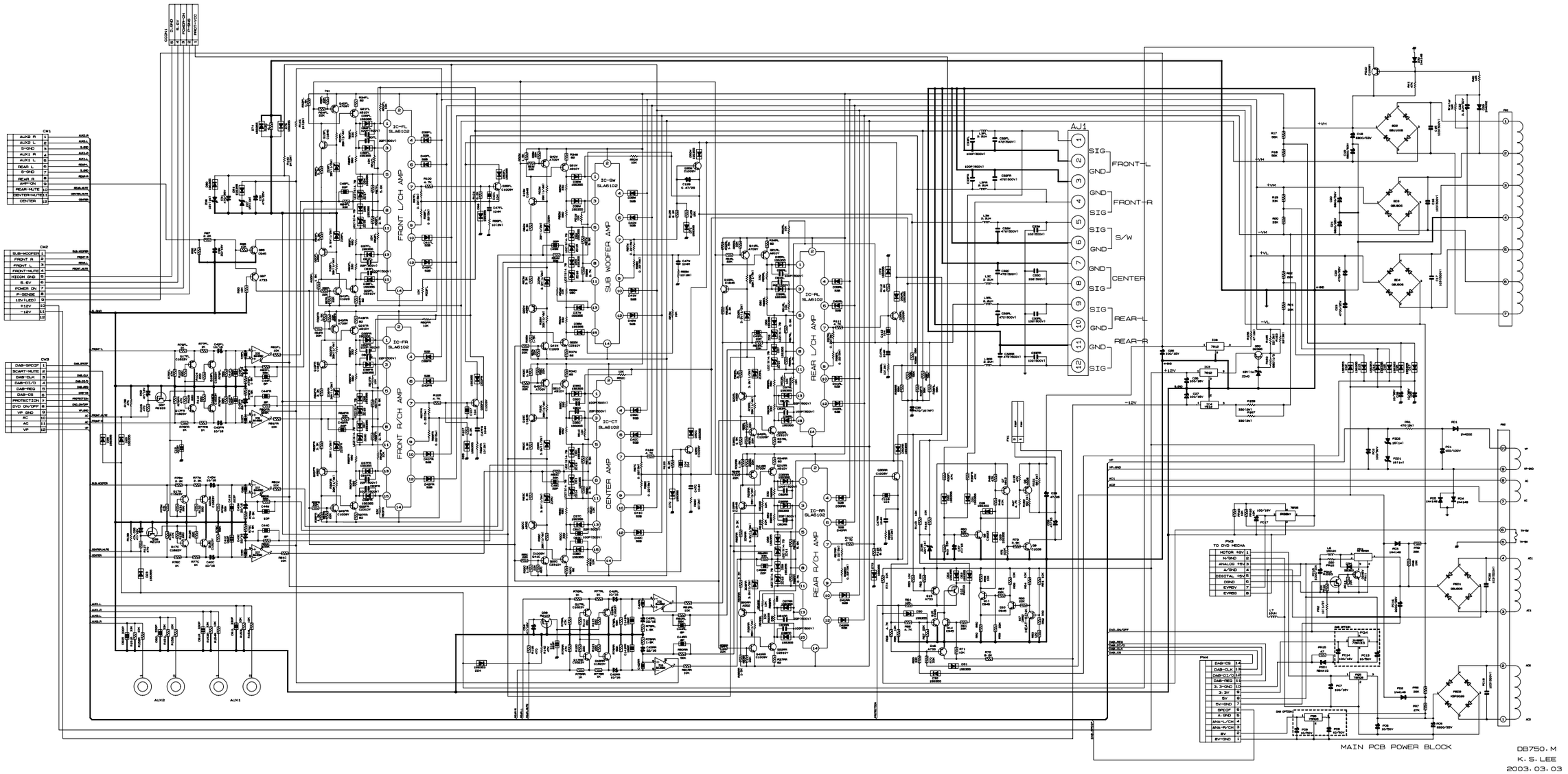
DVD BLOCK DIAGRAM



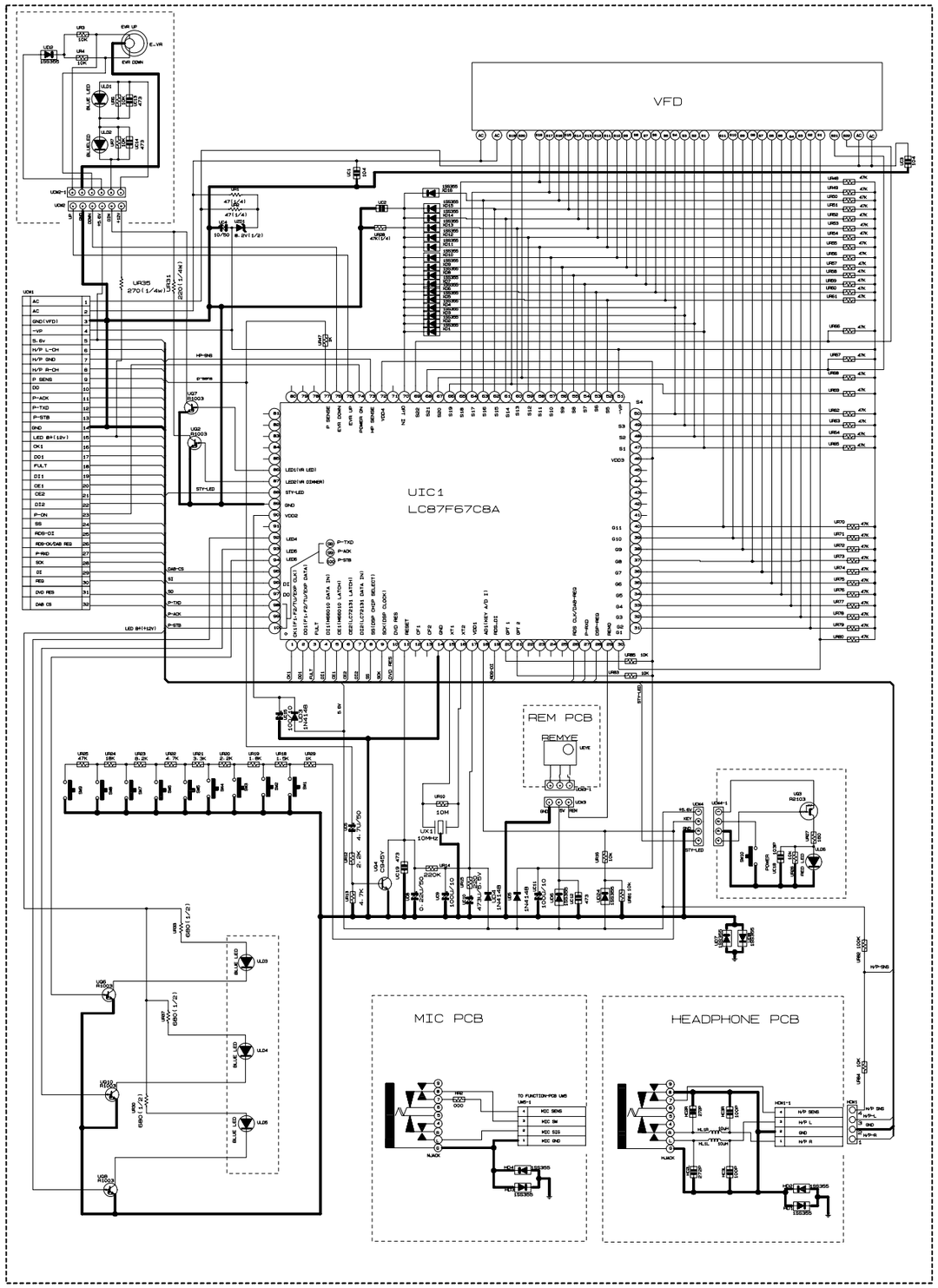
6. Wiring Diagram

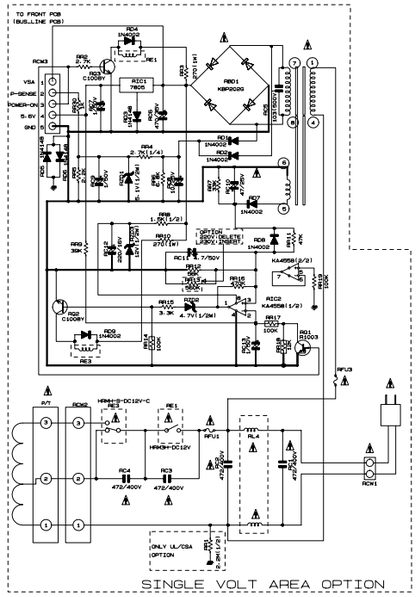


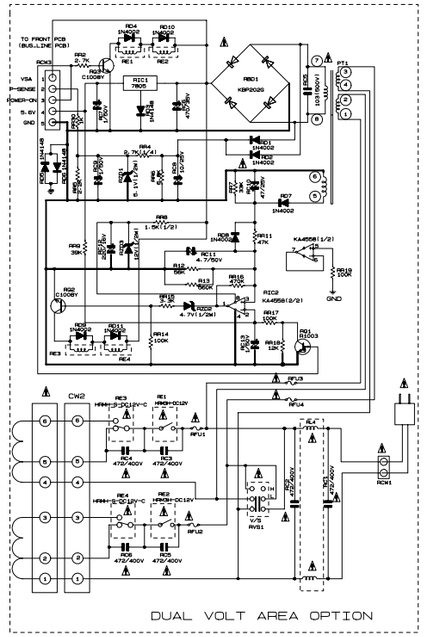
7-1 MAIN


FRONT L/CH AMP
FRONT R/CH AMP
SUB WOOFER AMP
CENTER AMP
REAR L/CH AMP
REAR R/CH AMP
IC-FL SLA6102
IC-FR SLA6102
IC-SW SLA6102
IC-CT SLA6102
IC-RL SLA6102
IC-RR SLA6102
AJ1
FRONT-L
FRONT-R
S/W
CENTER
REAR-L
REAR-R
SIG
GND
AUX2
AUX1
MAIN PCB POWER BLOCK
DB750.M
K.S.LEE
2003.03.03

HT-DB750 FRONT





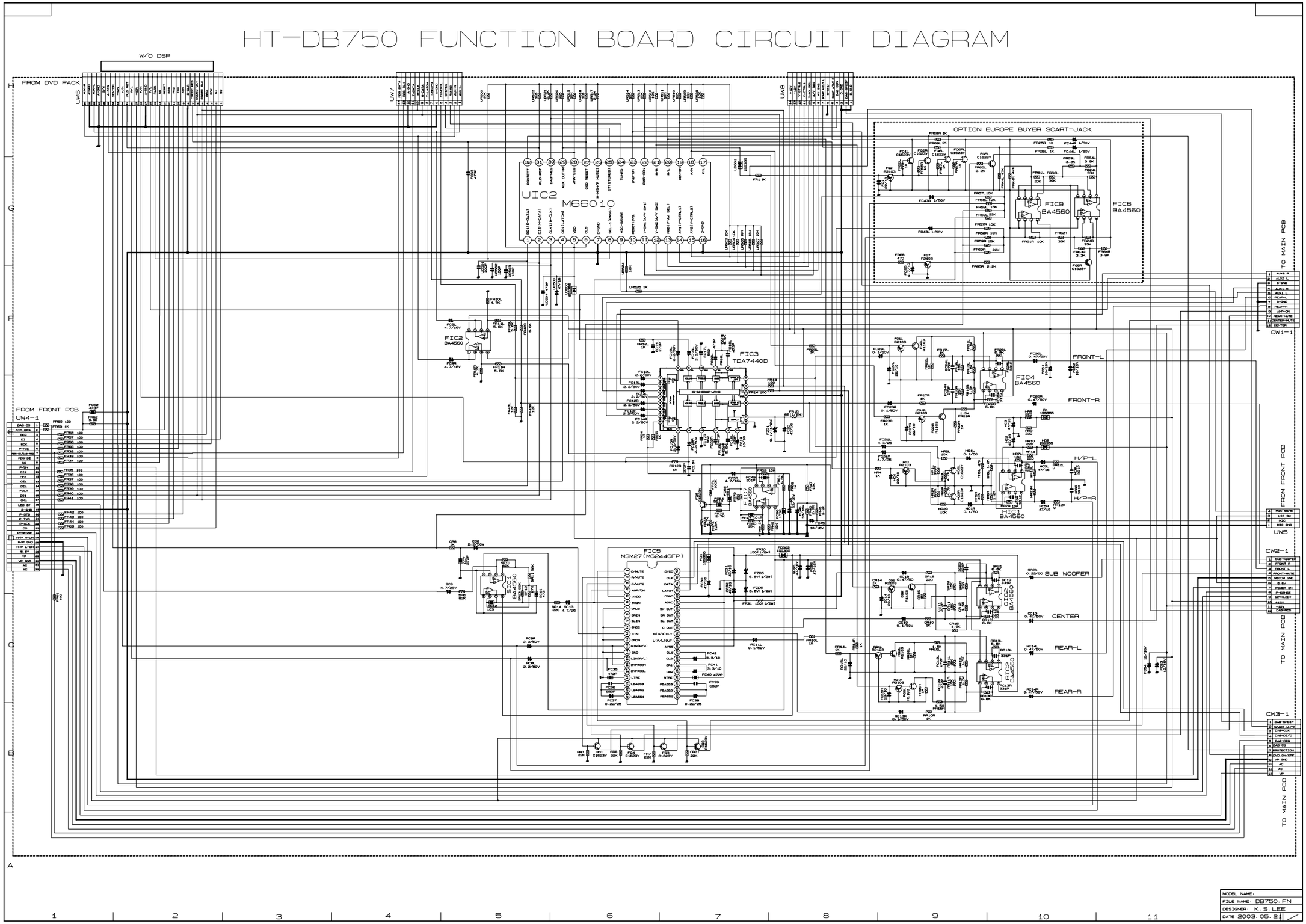


FUSE OPTION

AREA OPTION / LOCATION	110V/120V	220V/230V	110~127V 220~240V
FU1	8A 125V	T4AL 250V	T4AL 250V
FU2	—	—	T4AL 250V
FU3	T160MAL 250V	T80MAL 250V	T80MAL 250V
FU4	—	—	T80MAL 250V

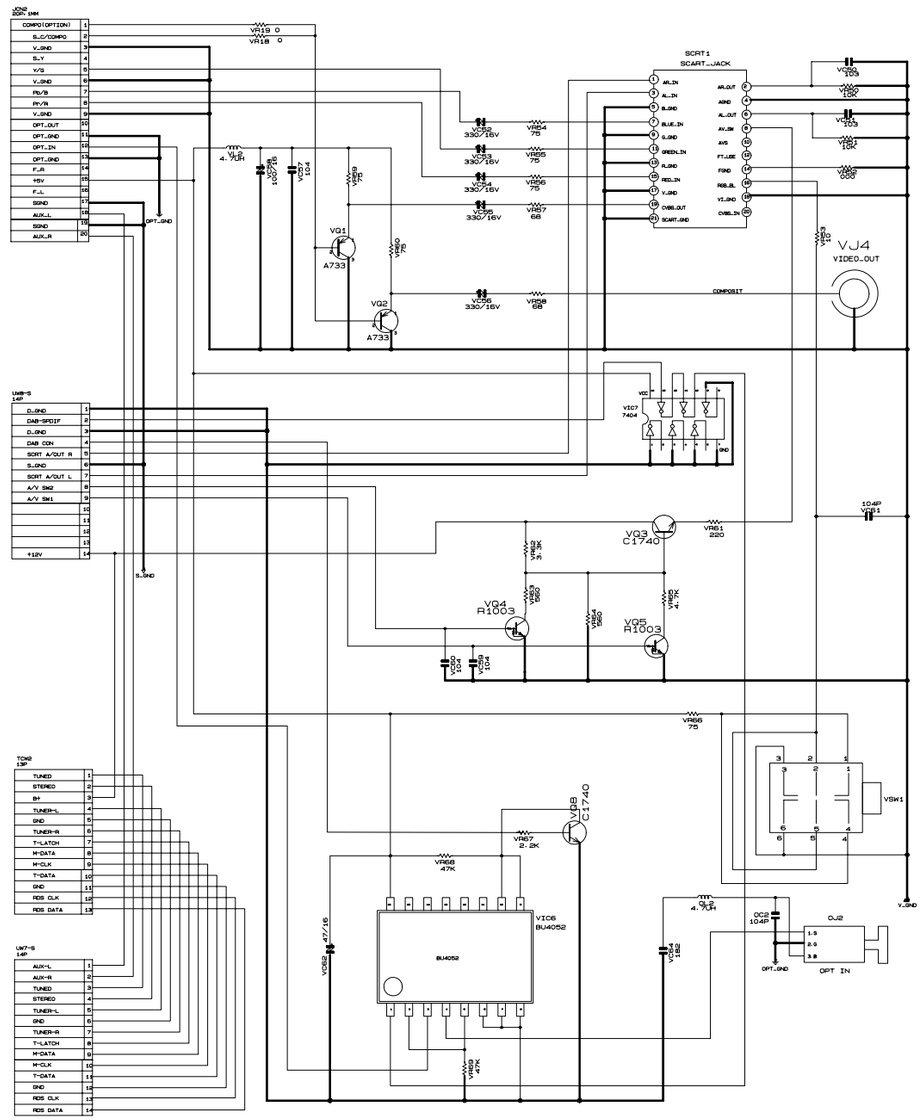
NOTICE
: DIGITAL GND
: CHASSIS GND
: ANALOG GND
MODEL
HT-DB750
DESIGNER
LEE K.S
APR/DATE
2002.09.06
FOR USE
PROTO1

HT-DB750 FUNCTION BOARD CIRCUIT DIAGRAM

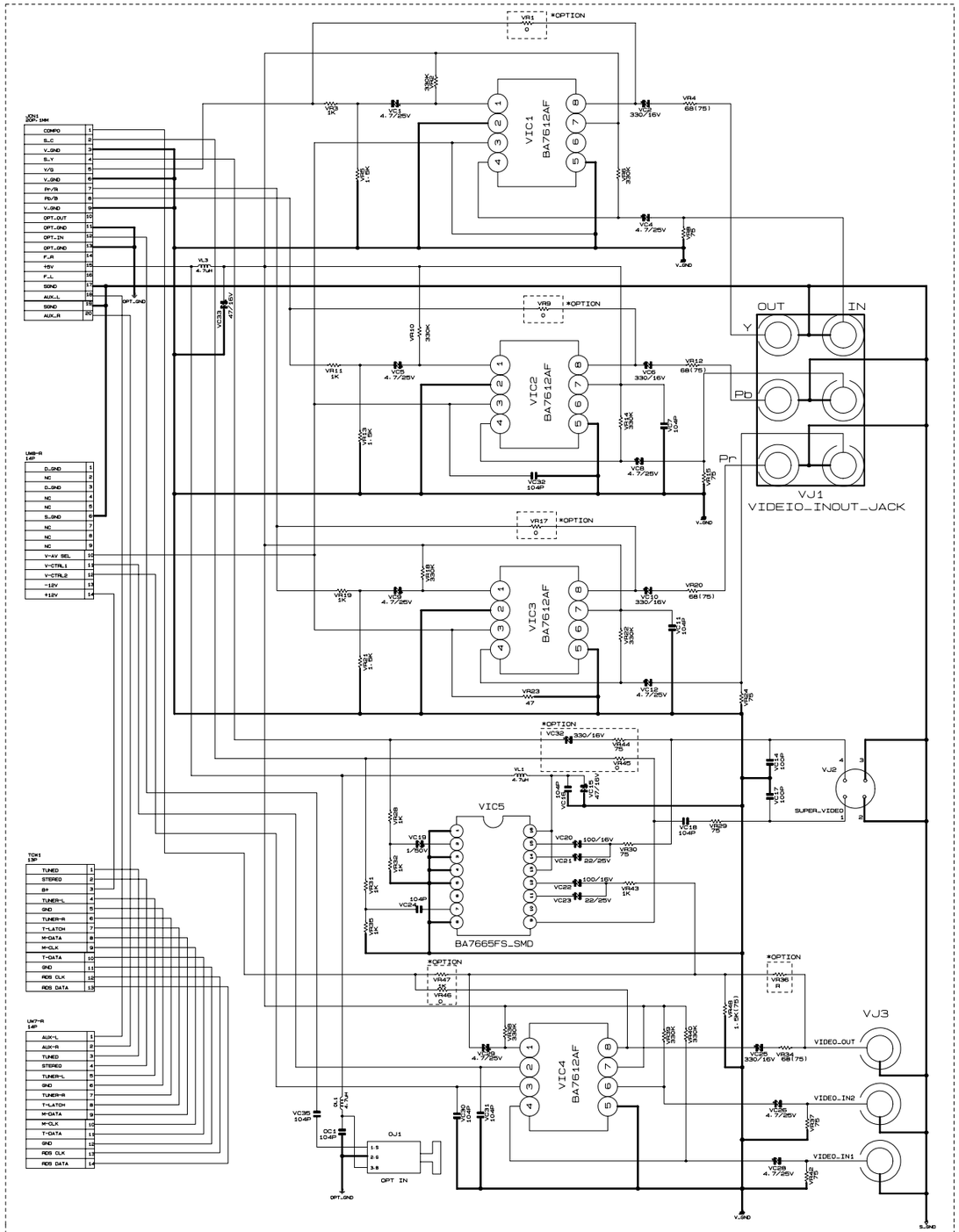


HT-DB750

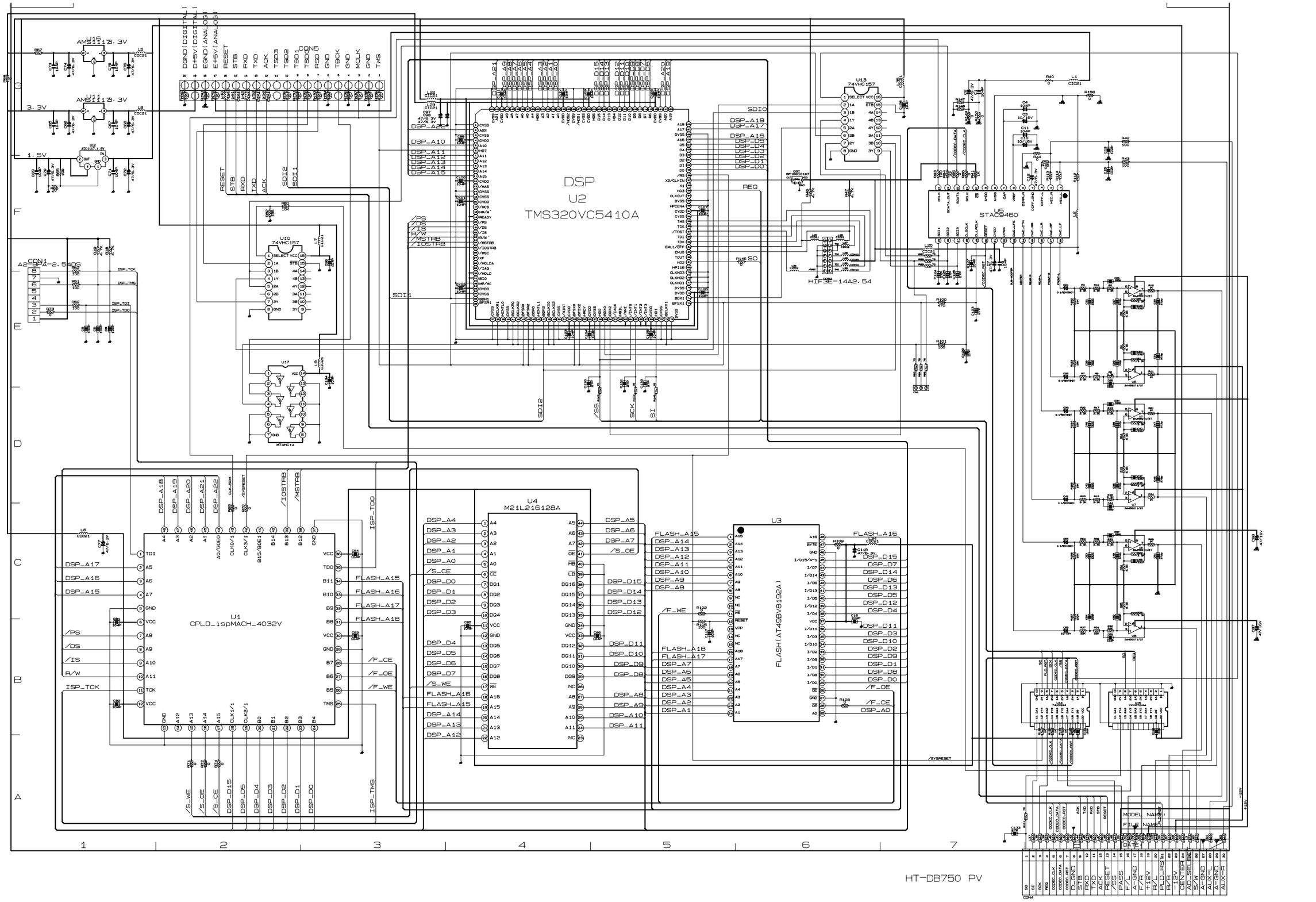
SCART JACK

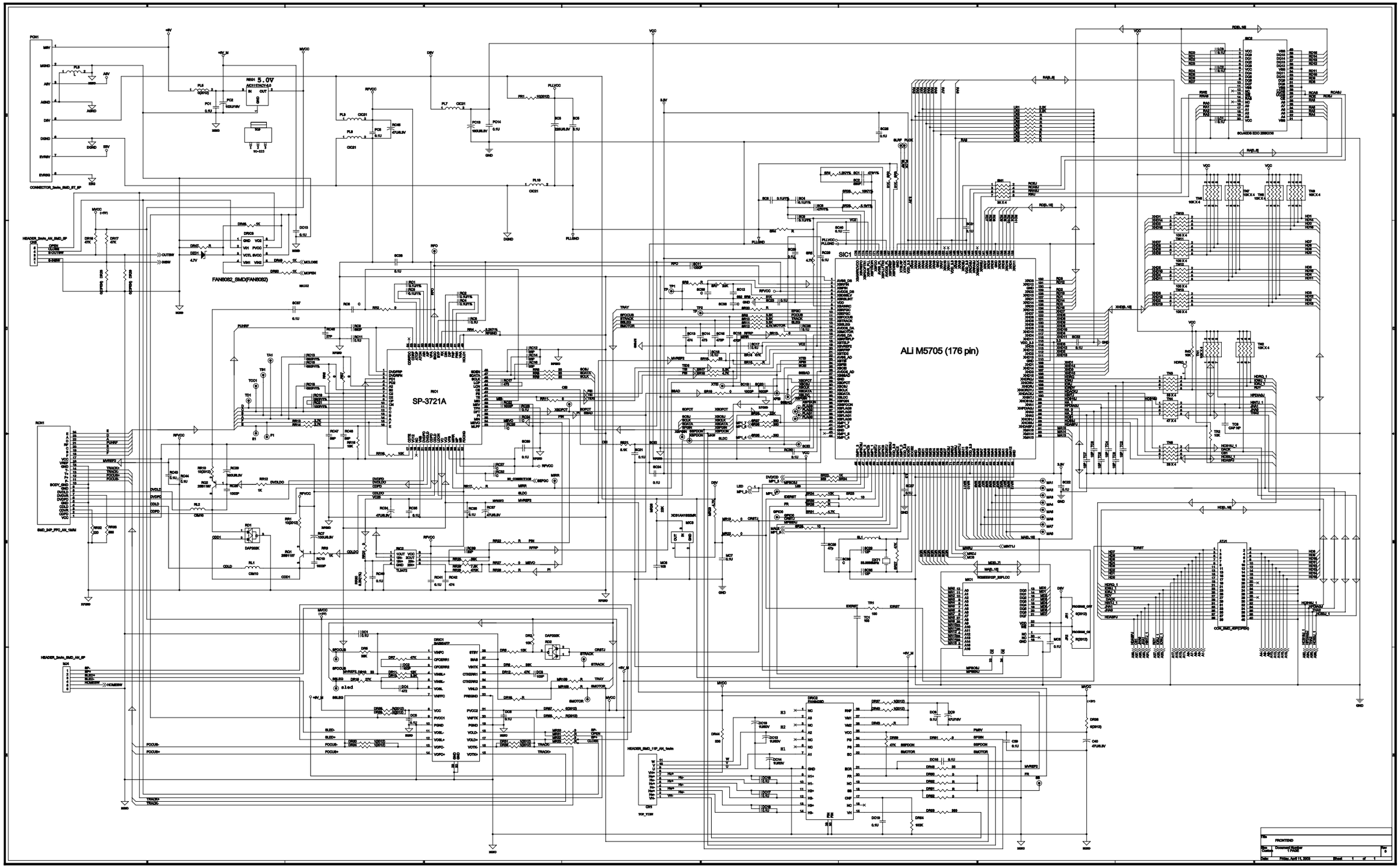


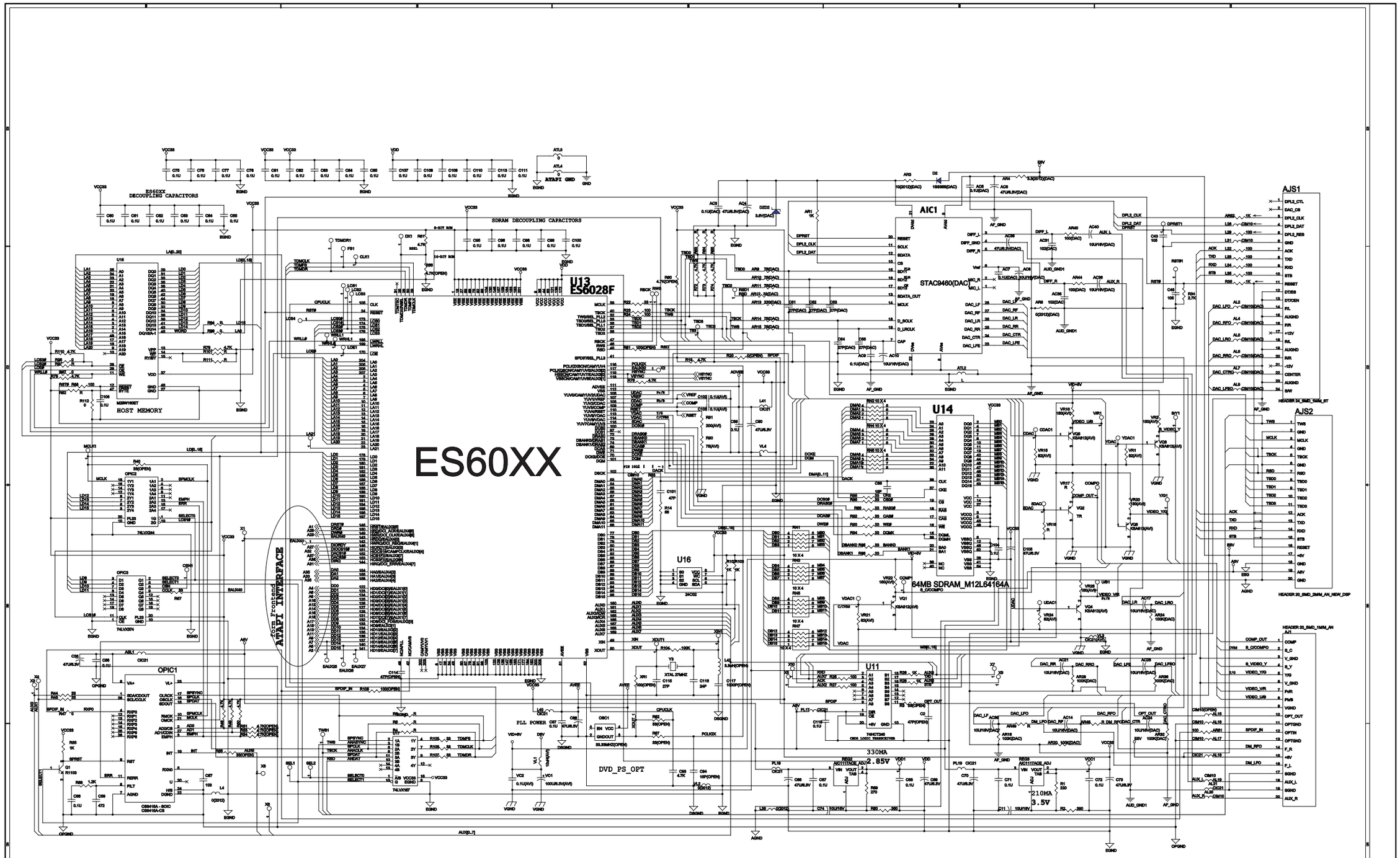
RCA JACK



MODEL NAME: HT-DB750
FILE NAME: DB750.J
DESIGNER: Jung-hun
DATE: 2003.02.28.


DSP
U2
TMS320VC5410A
U1
CPLD_ispMACH_4032V
U4
M21L216128A
U3
FLASH(AT49BV8192A)
U13
74VHC157
U10
74VHC157
U16
AMS1117 3.3V
U11
AMS1117 3.3V
U12
AIC1117-1.8V
U17
M24C14
IC
STAC9460
HIF3E-14A2.54
CON1
A2 HIF3A-2.54DS
CON4
HT-DB750 PV
SDIO
REQ
SDI1
SDI2
/SS
SCK
SI
/SYSRESET
MODEL NAME
FILE NAME
DATE


ALi M5705 (176 pin)
SP-3721A
SIC1
FAN8082_SMD(FAN8082)
CONNECTOR_3mils_SMD_ST_4P
HEADER_3mils_AN_SMD_4P
HEADER_3mils_SMD_AN_4P
HEADER_SMD_15P_AN_3mils
8MD_34P_FFC_AN_1MM
AIC1117ADJ-5.0
5.0V
3.3V
FRONTEND

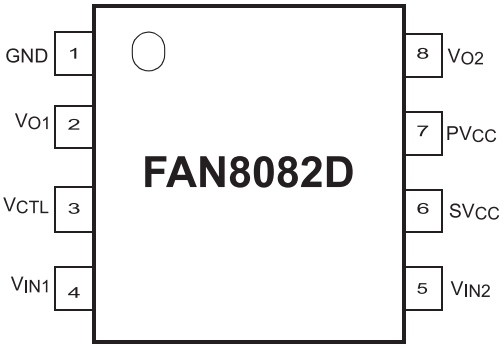

ES60XX
U13
ES6028F
AIC1
STAC9460(DAC)
U14
U16
U11
AJS1
AJS2
OPIC1
HOST MEMORY
64MB SDRAM_M12L64164A
ES60XX DECOUPLING CAPACITORS
SDRAM DECOUPLING CAPACITORS
ATAPI GND
DVD_PS_OPT
330MA
210MA
2.85V
3.5V
ATAPI INTERFACE
For Frontend

8. IC Block Diagrams

8-1 Main

8-1-1. FAN8082D

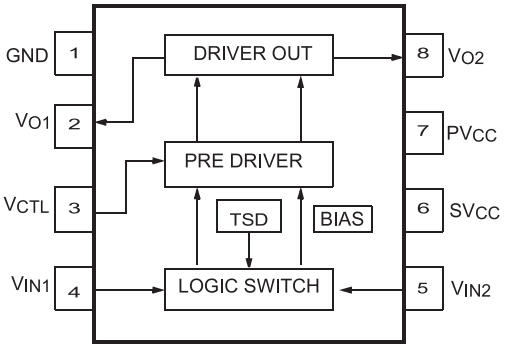
Pin Assignments



Pin Definitions

Pin Number	Pin Name	I/O	Pin Function Description
1	GND	-	Ground
2	V_{O1}	O	Output 1
3	V_{CTL}	I	Motor speed control
4	V_{IN1}	I	Input 1
5	V_{IN2}	I	Input 2
6	SV_{CC}	-	Supply voltage (Signal)
7	PV_{CC}	-	Supply voltage (Power)
8	V_{O2}	O	Output 2

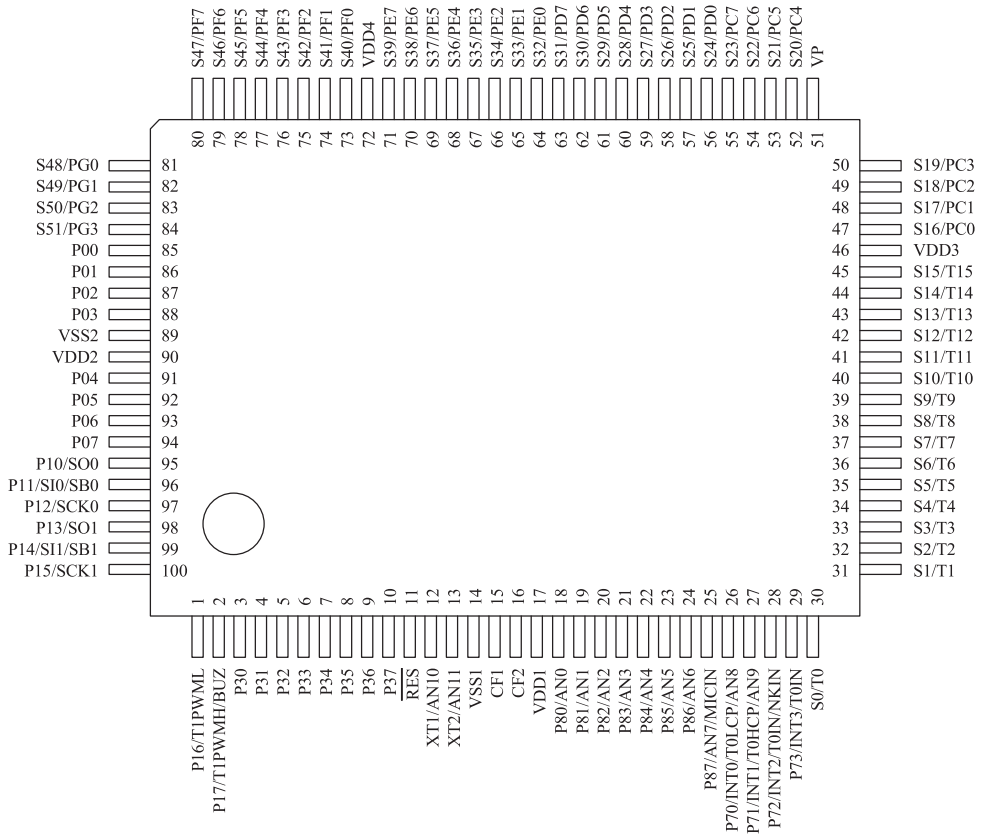
Internal Block Diagram



8-1-2. LC87F66C8A

LC87F66C8A

Pin Assignment

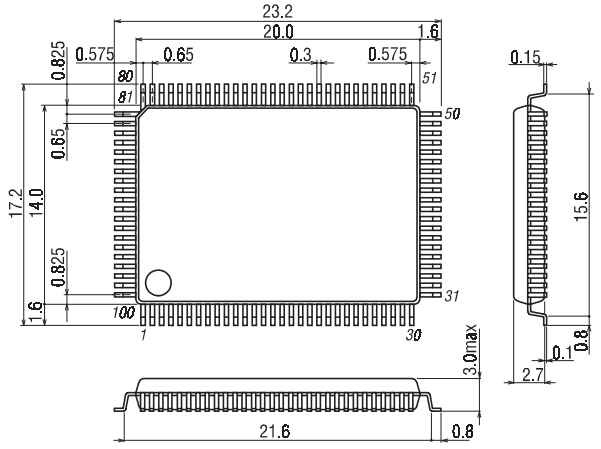


SANYO: QIP-100E

Package Dimensoin

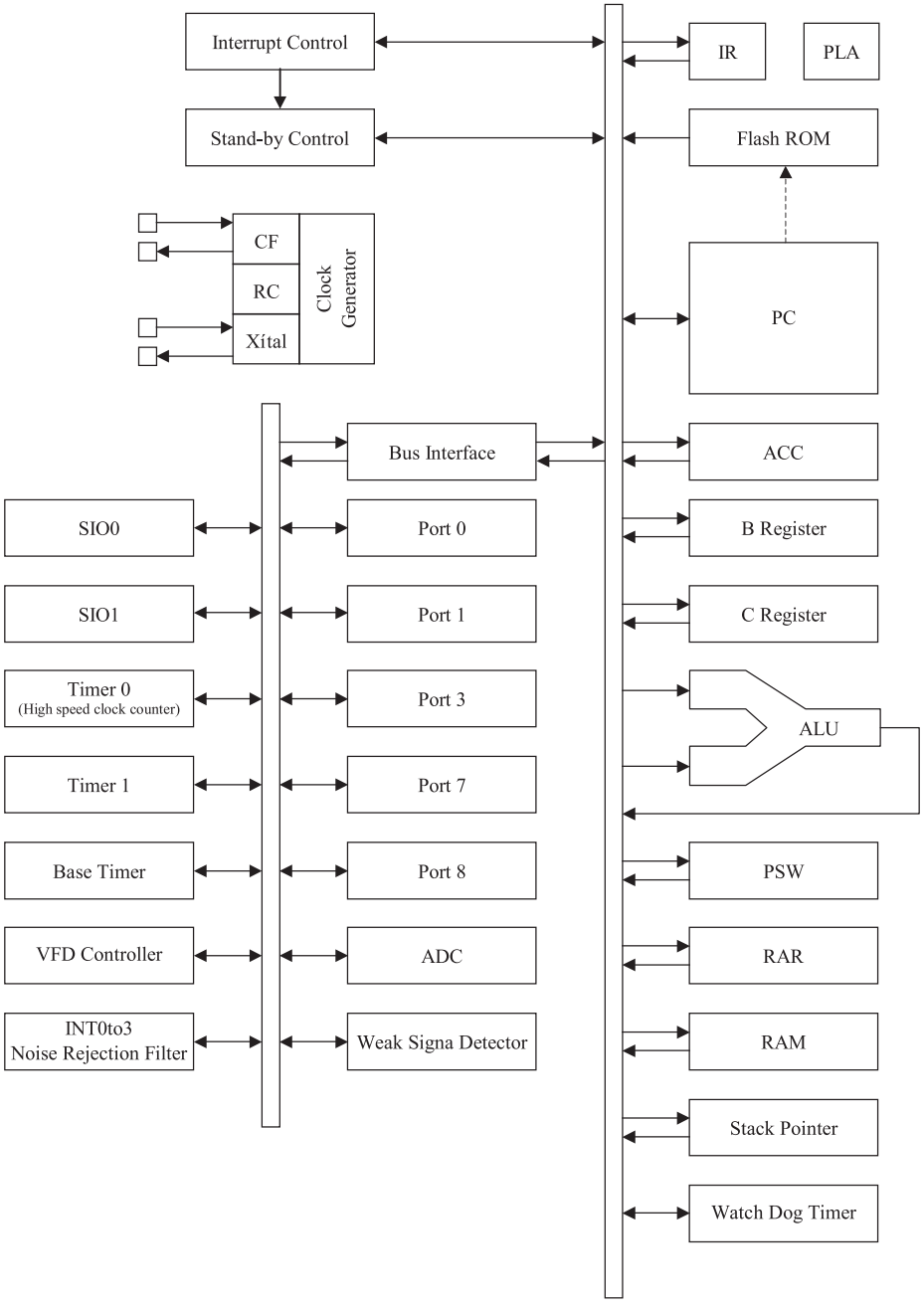
(unit : mm)

3151



SANYO: QIP-100E

System Block Diagram



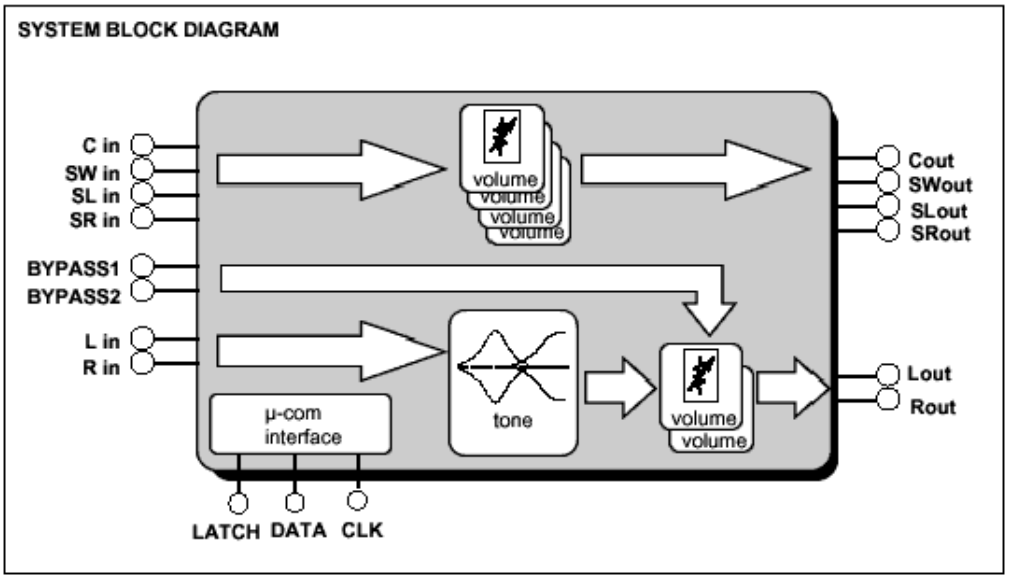
Pin Assignment

<table>
<tr><th>Pin name</th><th>I/O</th><th>Function</th><th>Option</th></tr>
<tr><td>VSS1
VSS2</td><td>-</td><td>□Power supply (-)</td><td>No</td></tr>
<tr><td>VDD1
VDD2
VDD3
VDD4</td><td>-</td><td>□Power supply (+)</td><td>No</td></tr>
<tr><td>VP</td><td>-</td><td>□Power supply (-)</td><td>No</td></tr>
<tr><td>PORT0
P00 to P07</td><td>I/O</td><td>□8bit input/output port
□data direction programmable in nibble units
□Use of pull-up resistor can be specified in nibble units
□Input for HOLD release
□Input for port 0 interrupt
□15V withstand at N-channel open drain output</td><td>Yes</td></tr>
<tr><td>PORT1
P10 to P17</td><td>I/O</td><td>□8bit input/output port
□data direction programmable for each bit
□Use of pull-up resistor can be specified for each bit
□Other pin functions
P10 SIO0 data output
P11 SIO0 data input/bus input/output
P12 SIO0 clock input/output
P13 SIO1 data output
P14 SIO1 data input/bus input/output
P15 SIO1 clock input/output
P16: Timer 1 PWML output
P17: Timer 1 PWMH output/Buzzer output</td><td>Yes</td></tr>
<tr><td>PORT3
P30 to P33</td><td>I/O</td><td>□8bit Input/output port
□Data direction can be specified for each bit
□Use of pull-up resistor can be specified for each bit
□15V withstand at N-channel open drain output</td><td>Yes</td></tr>
<tr><td>PORT7
P70 to P73</td><td>I/O</td><td>□4bit Input/output port
□Data direction can be specified for each bit
□Use of pull-up resistor can be specified for each bit
□Other functions
P70: INT0 input/HOLD release input/Timer0L capture Input/output for watchdog timer
P71: INT1 input/HOLD release input/Timer0H capture input
P72: INT2 input/HOLD release input/timer 0 event input/Timer0L capture input/High speed clock counter input
P73: INT3 input(noise rejection filter attached input)/timer 0 event input/Timer 0H capture input
AD input port: AN8(P70), AN9(P71)
The following types of interrupt detection are possible:
<table>
<tr><th></th><th>Rising</th><th>Falling</th><th>Rising/ falling</th><th>H level</th><th>L level</th></tr>
<tr><td>INT0</td><td>Yes</td><td>Yes</td><td>No</td><td>Yes</td><td>Yes</td></tr>
<tr><td>INT1</td><td>Yes</td><td>Yes</td><td>No</td><td>Yes</td><td>Yes</td></tr>
<tr><td>INT2</td><td>Yes</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td></tr>
<tr><td>INT3</td><td>Yes</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td></tr>
</table></td><td>No</td></tr>
</table>

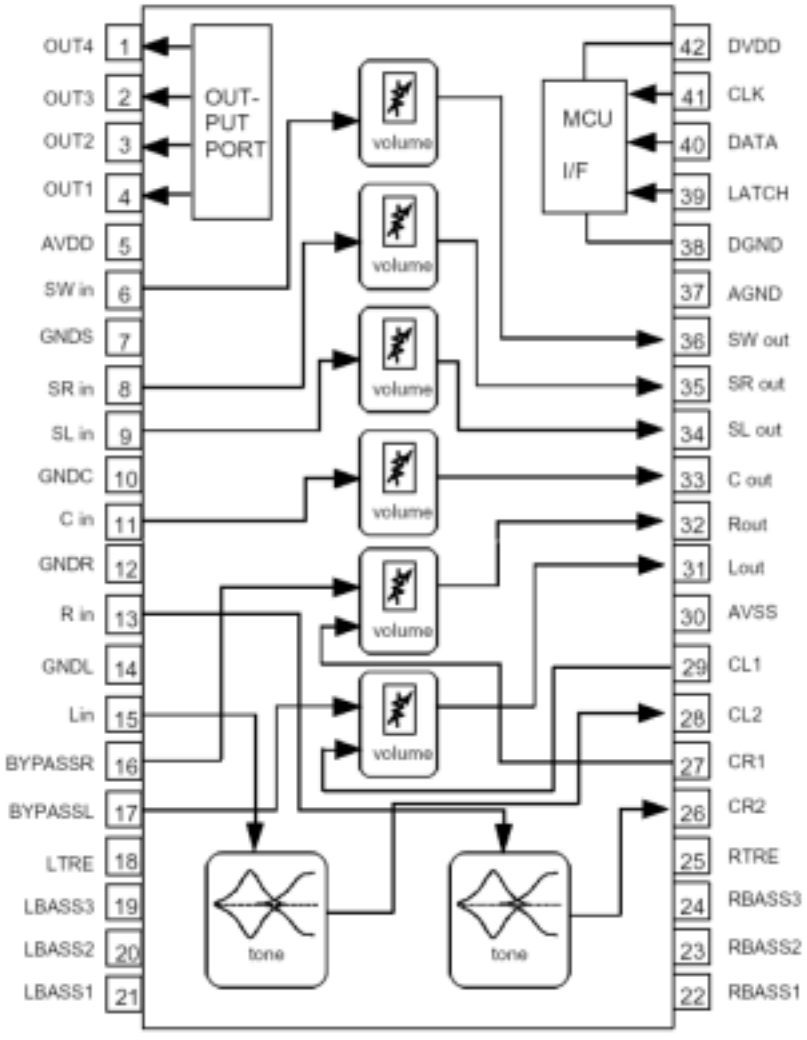
Pin name	I/O	Function description	Option
PORT8 P80 to P87	I/O	□8bit Input/output port □Input/output can be specified in a bit unit □Other functions: AD input port: AN0 to AN7 Weak signal detector input port: MICIN(P87)	No
S0/T0 to S8/T8	O	□Large current output for VFD display controller digit (can be used for segment)	No
S9/T9 to S15/T15	O	□Large current output for VFD display controller segment/digit	No
S16 to S23	I/O	□Output for VFD display controller segment/digit □Other functions: High voltage input port: PC0 to PC7	No
S24 to S31	I/O	□Output for VFD display controller segment □Other functions: High voltage input port: PD0 to PD7	No
S32 to S39	I/O	□Output for VFD display controller segment □Other functions High voltage input port: PE0 to PE7	No
S40 to S47	I/O	□Output for VFD display controller segment □Other functions: High voltage input/output port: PF0 to PF7	No
S48 to S51	I/O	□Output for VFD display controller segment □Other functions: High voltage input/output port: PG0 to PG3	No
$\overline{\text{RES}}$	I	Reset terminal	No
XT1	I	□Input for 32.768kHz crystal oscillation □Other functions: General purpose input port When not in use, connect to VDD1. AD input port: AN10	No
XT2	I/O	□Output for 32.768kHz crystal oscillation □Other functions: General purpose input port When not in use, set to oscillation mode and leave open circuit. AD input port: AN11	No
CF1	I	Input terminal for ceramic oscillator	No
CF2	O	Output terminal for ceramic oscillator	No

8-1-3. M62446AFP

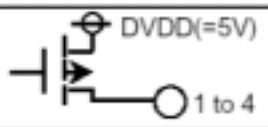
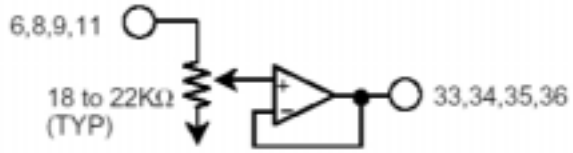
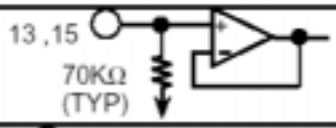
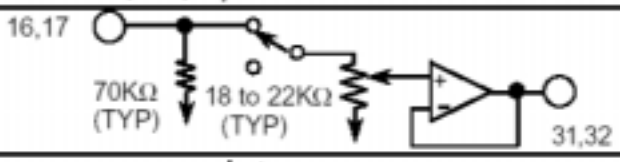
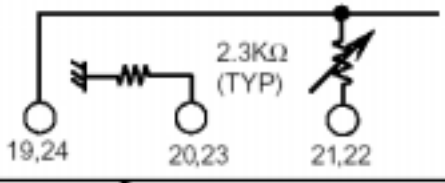
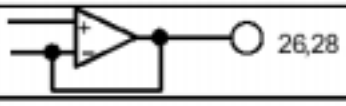
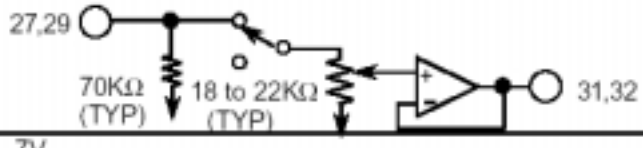
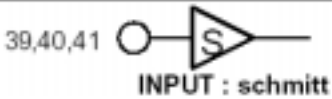
SYSTEM BLOCK DIAGRAM



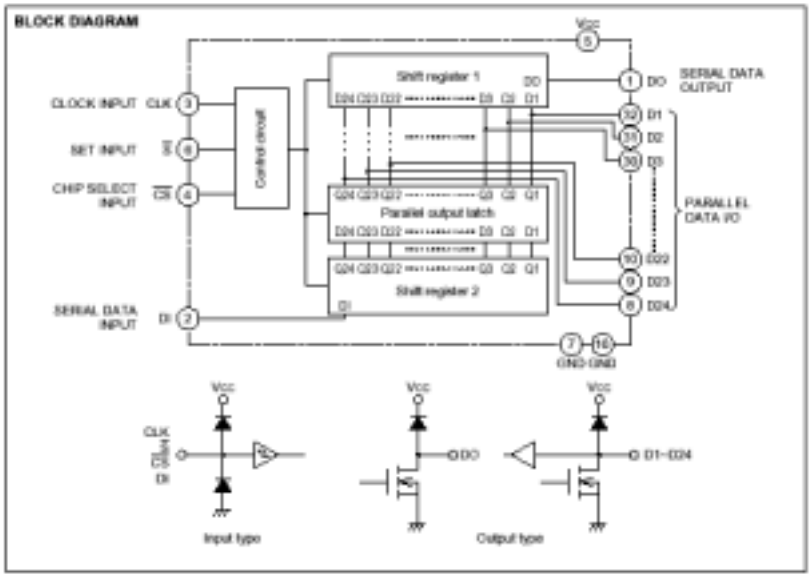
PIN CONFIGURATION AND BLOCK DIAGRAM



PIN DESCLIPTION

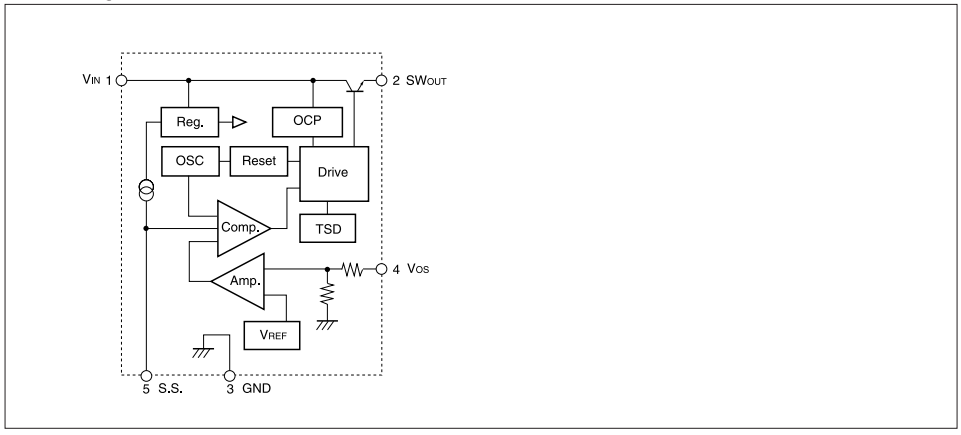
Pin No.	Symbol	Function	Circuit
1 2 3 4	OUT4 OUT3 OUT2 OUT1	Port OUTPUT	OUTPUT:PMOS Transistor open drain 
5	AVDD	Analog positive Power supply	+7V
7 10 12 14	GNDS GNDC GNDR GNDL	GND	Connect to analog GND
6 8 9 11	SW in SR in SL in C in	Volume INPUT	
36 35 34 33	SW out SR out SL out C out	Volume OUTPUT	
13 15	R in L in	Tone INPUT	
16 17 31 32	BYPASSR BYPASSL Lout Rout	L,R Volume INPUT in BYPASS mode L OUTPUT R OUTPUT	
18 25	LTRE RTRE	tone Treble cycle control	
19 24 20 23 21 26	LBASS3 RBASS3 LBASS2 RBASS2 LBASS1 RBASS1	tone Bass cycle control	
22 28	CR2 CL2	Tone OUTPUT	
27 29 31 32	CR1 CL1 Lout Rout	L,R Volume INPUT L OUTPUT R OUTPUT	
30	AVSS	Analog negative Power Supply	-7V
37	AGND	Analog GND	
38	DGND	Digital GND	
39 40 41	LATCH DATA CLK	Latch INPUT Data INPUT Clock INPUT Forward data	 **INPUT : schmitt trigger type**
42	DVDD	Digital Power supply	+5V

8-1-4. M66010FP



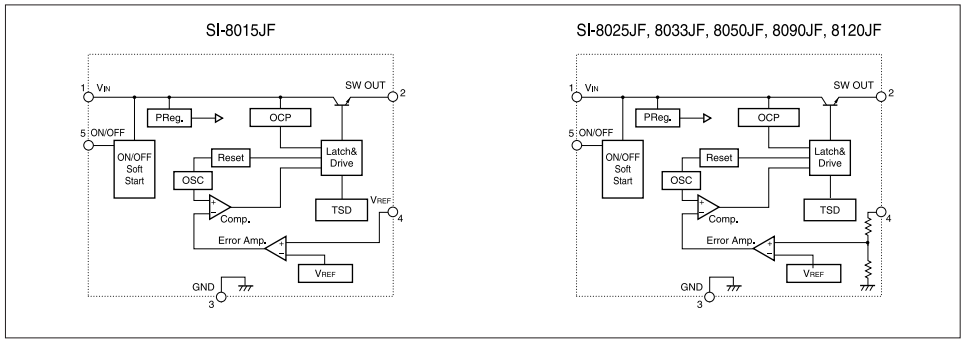
8-1-5. SI-8050SE

Block Diagram



8-1-6. SI-8090JFE

Block Diagram



Block Diagram

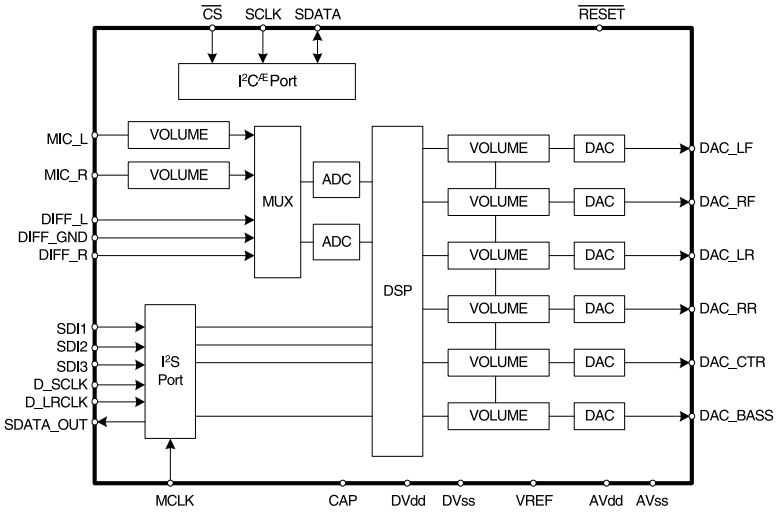
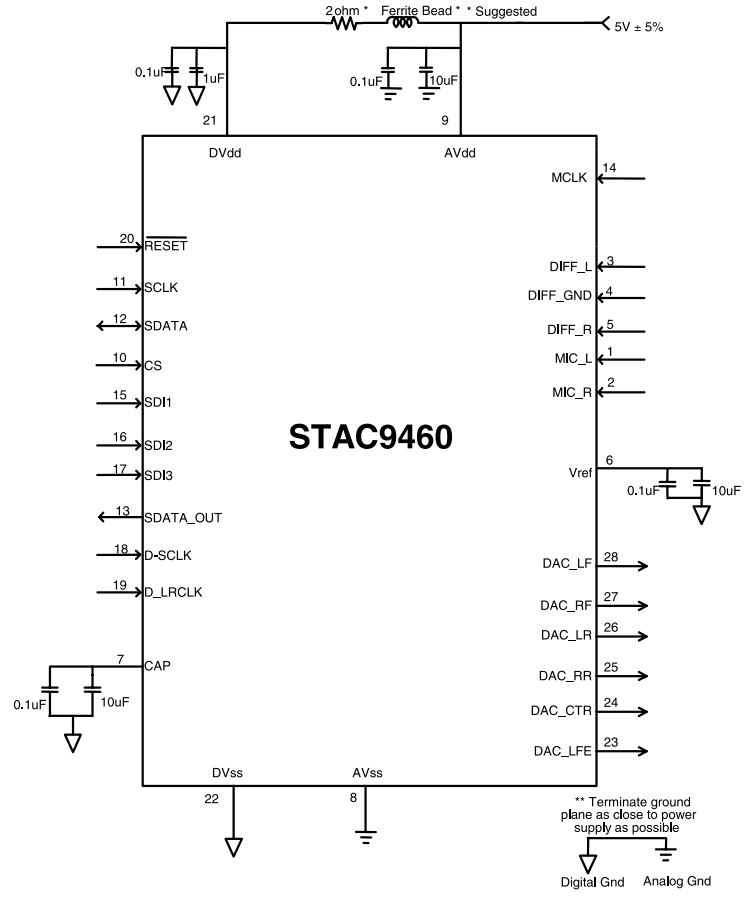
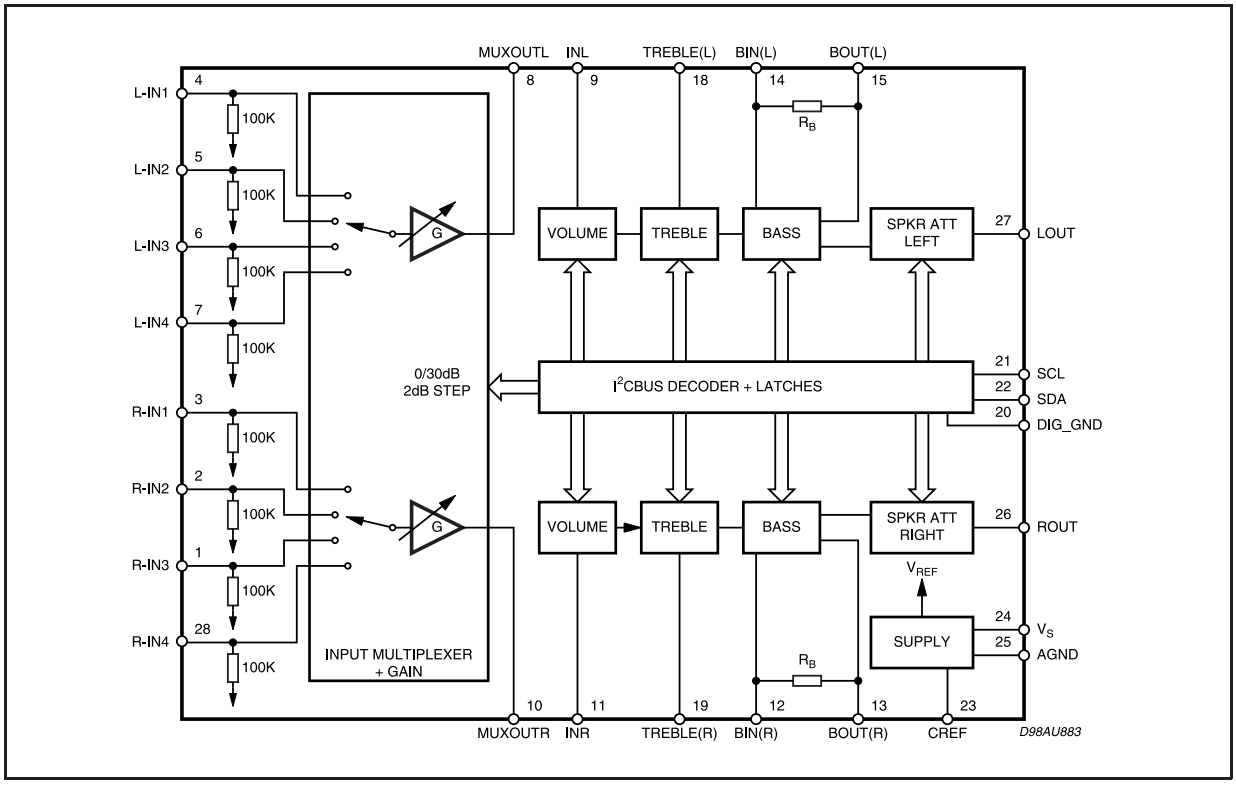


Figure 1. STAC9460 Block Diagram

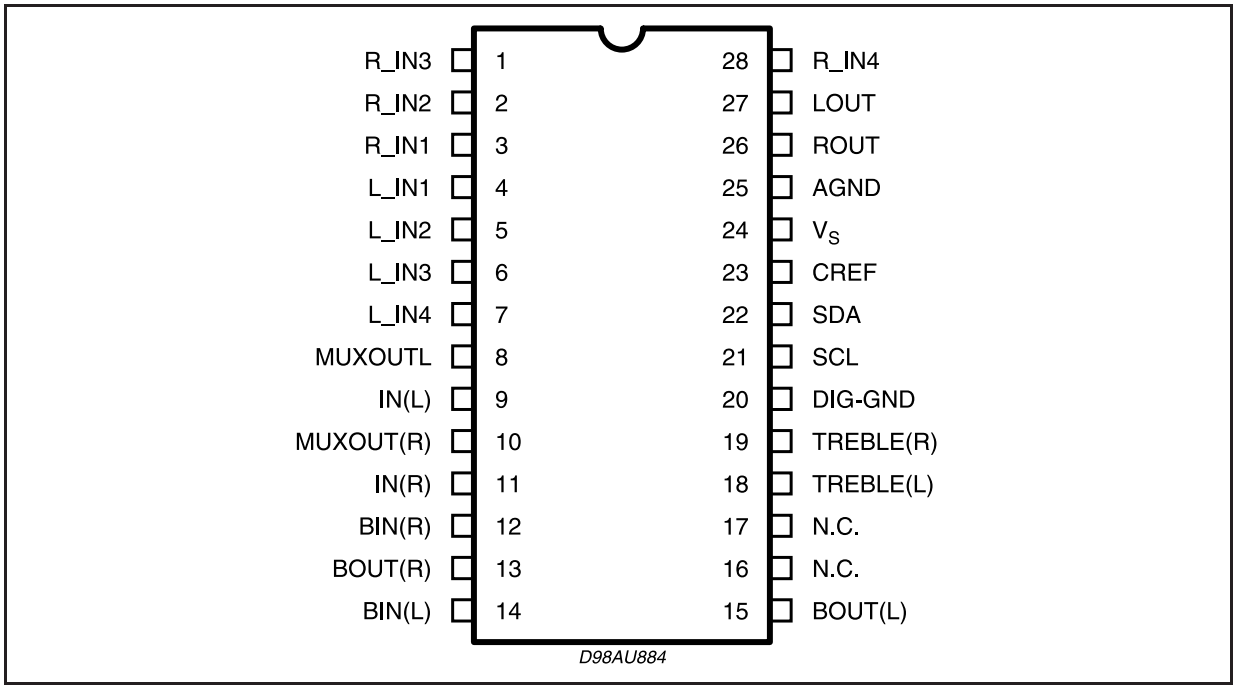


8-1-8. TDA7440D

BLOCK DIAGRAM

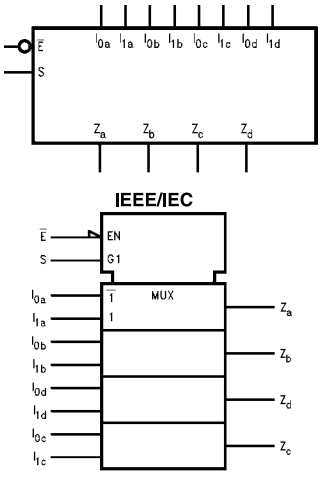


PIN CONNECTION (Top view)

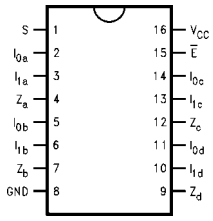


8-1-9. 74VHC157

Logic Symbols



Connection Diagram

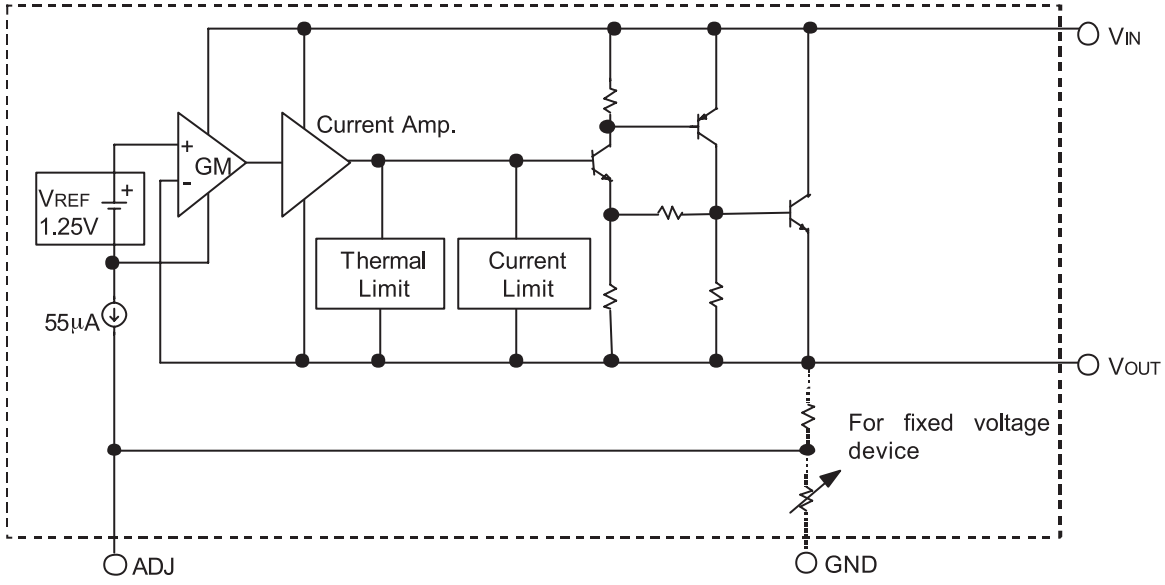


Pin Descriptions

Pin Names	Description
I_{0a}ñI_{0d}	Source 0 Data Inputs
I_{1a}ñI_{1d}	Source 1 Data Inputs
$\overline{E}$	Enable Input
S	Select Input
Z_añZ_d	Outputs

8-1-10. AIC1117A

■ BLOCK DIAGRAM



■ PIN DESCRIPTIONS

ADJ PIN - Providing V_{REF}=1.25V (typ.) for adjustable V_{OUT}. $V_{REF}=V_{OUT}-V_{ADJ}$ and I_{ADJ}=55μA (typ.)
(GND PIN - Power ground.)

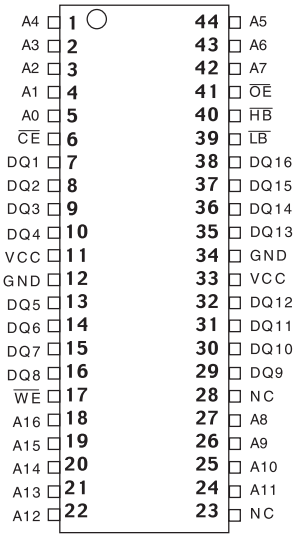
VOUT PIN - Adjustable output voltage.

VIN PIN - Power Input.

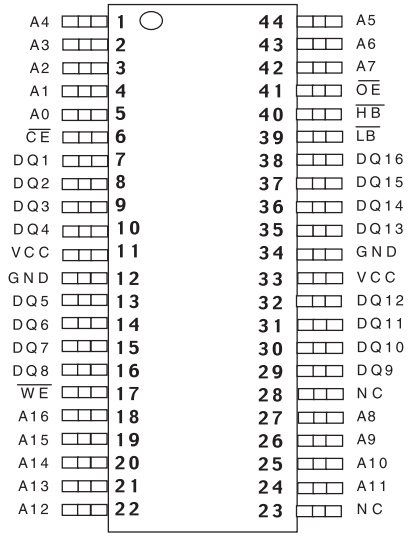
8-1-11. M21L216128A

PIN ASSIGNMENT

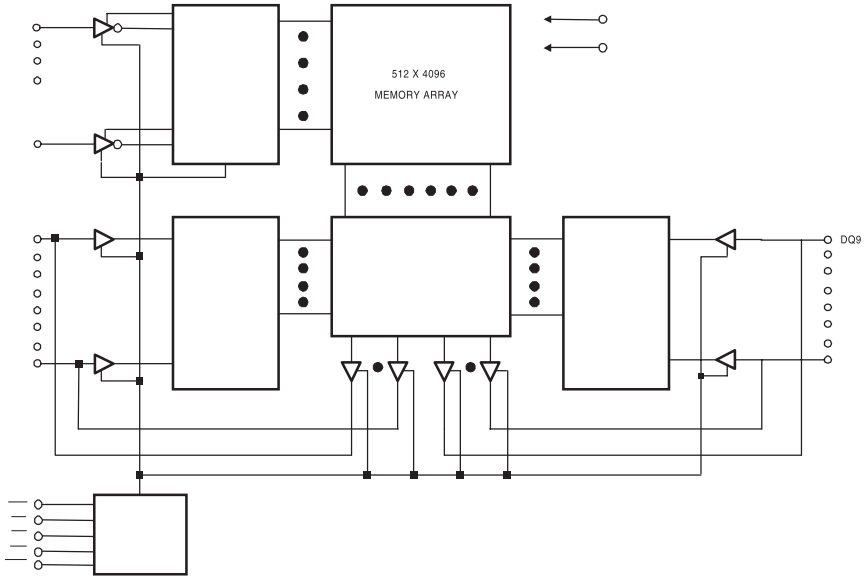
SOJ Top View



TSOP (TypeII) Top View



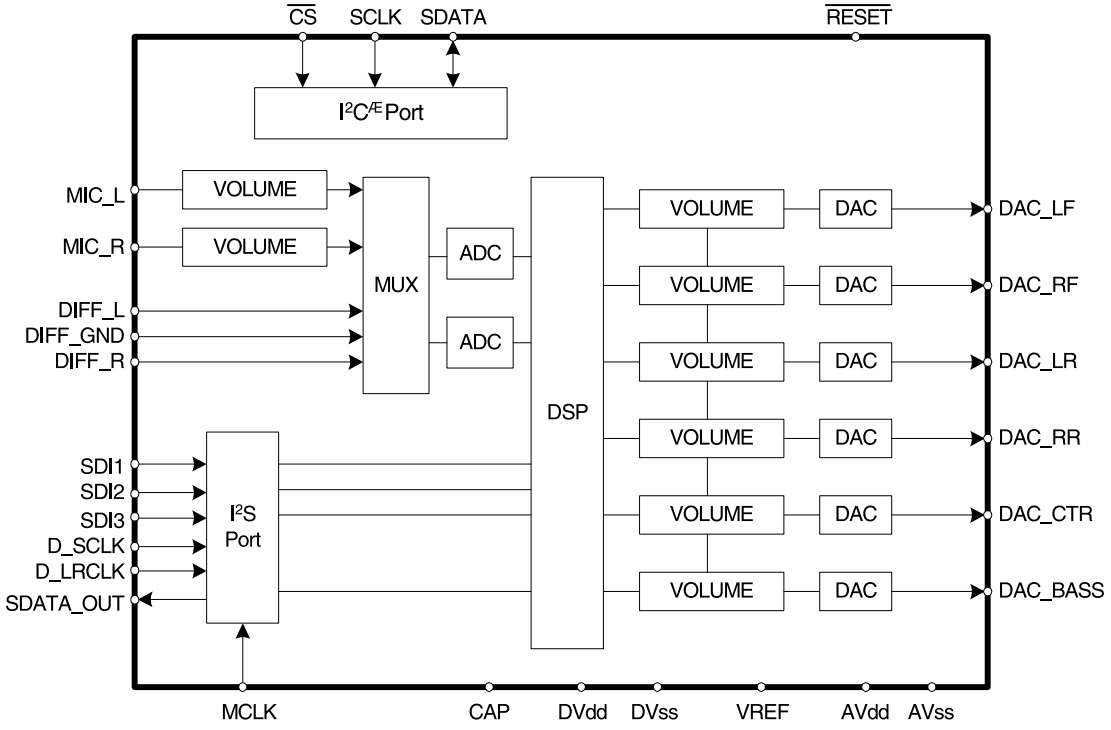
Block Diagram



Pin Descriptions

Pin No.	Symbol	Description
1 - 5, 18 - 22, 24-27, 42 - 44	A0 - A16	Address Inputs
6	$\overline{CE}$	Chip Enable Input
7 - 10, 13 - 16, 29 - 32, 35 - 38	DQ1 - DQ16	Data Inputs/Outputs
17	$\overline{WE}$	Write Enable Input
39	$\overline{LB}$	Lower Byte Enable Input (DQ1 to DQ8)
40	$\overline{HB}$	Higher Byte Enable Input (DQ9 to DQ16)
41	$\overline{OE}$	Output Enable Input
11, 33	VCC	Power
12, 34	GND	Ground
23, 28	NC	No Connection

8-1-12. STAC9460



ES60X8 PINOUT DIAGRAM

The identical device pinouts for the ES6008, ES6018, ES6028 and ES6038 are shown in Figure

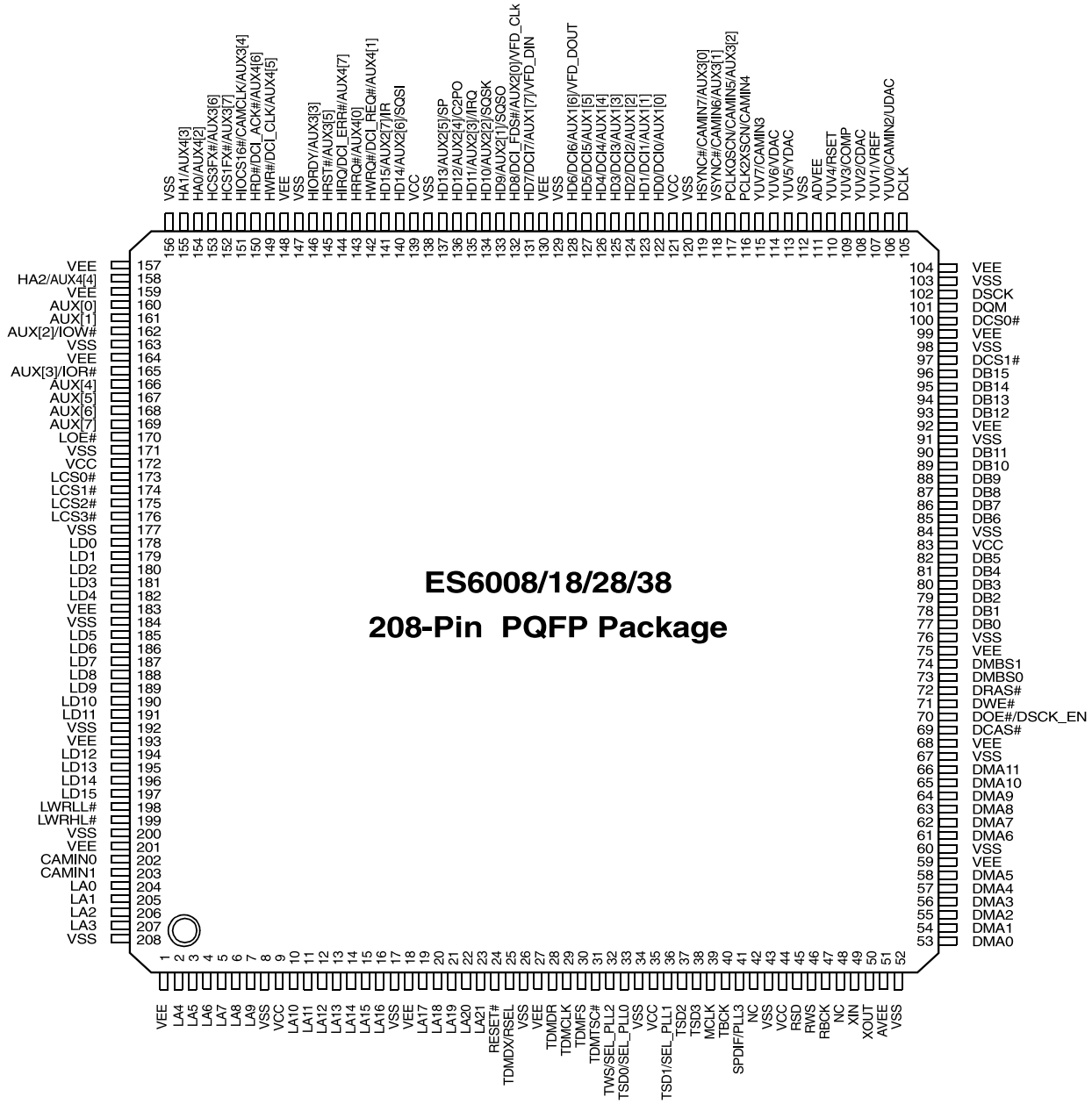


Figure ES60x8 Pinout

ES60X8 PIN DESCRIPTION

Table 1 lists the identical pin descriptions for the ES6008, ES6018, ES6028 and ES6038.

Table 1 ES60x8 Pin Description

<table>
<tr><th>Name</th><th>Number</th><th>I/O</th><th>Definition</th></tr>
<tr><td>VEE</td><td>1,18, 27, 59, 68, 75, 92, 99, 104, 130, 148, 157, 159, 164, 183, 193, 201</td><td>I</td><td>I/O power supply.</td></tr>
<tr><td>VSS</td><td>8, 17, 26, 34, 43, 52, 60, 67, 76, 84, 91, 98, 103, 112, 120, 129, 138, 147, 156, 163, 171, 177, 184, 192, 200, 208</td><td>I</td><td>Ground.</td></tr>
<tr><td>LA[21:0]</td><td>23:19, 16:10, 7:2, 207:204</td><td>O</td><td>Device address output.</td></tr>
<tr><td>VCC</td><td>9, 35, 44, 83, 121, 139, 172</td><td>I</td><td>Core power supply.</td></tr>
<tr><td>RESET#</td><td>24</td><td>I</td><td>Reset input, active low.</td></tr>
<tr><td>TDMDX</td><td rowspan="2">25</td><td>O</td><td>TDM transmit data.</td></tr>
<tr><td>RSEL</td><td>I</td><td>ROM Select.
<table>
<tr><th>RSEL</th><th>Selection</th></tr>
<tr><td>0</td><td>16-bit OM R</td></tr>
<tr><td>1</td><td>8-bit ROM</td></tr>
</table></td></tr>
<tr><td>TDMDR</td><td>28</td><td>I</td><td>TDM receive data.</td></tr>
<tr><td>TDMCLK</td><td>29</td><td>I</td><td>TDM clock input.</td></tr>
<tr><td>TDMFS</td><td>30</td><td>I</td><td>TDM frame sync.</td></tr>
<tr><td>TDMTSC#</td><td>31</td><td>O</td><td>TDM output enable.</td></tr>
<tr><td>TWS</td><td rowspan="2">32</td><td>O</td><td>Audio transmit frame sync.</td></tr>
<tr><td>SEL_PLL2</td><td>I</td><td>System and DSCK output clock frequency selection is made at the rising edge of RESET#. The matrix below lists the available clock frequencies and their respective PLL bit settings.
<table>
<tr><th>SEL_PLL2</th><th>SEL_PLL1</th><th>SEL_PLL0</th><th>Clock Type</th></tr>
<tr><td>0</td><td>0</td><td>0</td><td>VCO off.</td></tr>
<tr><td>0</td><td>0</td><td>1</td><td>DCLK</td></tr>
<tr><td>0</td><td>1</td><td>0</td><td>Bypass mode</td></tr>
<tr><td>0</td><td>1</td><td>1</td><td>DCLK x 2</td></tr>
<tr><td>1</td><td>0</td><td>0</td><td>DCLK x 4.5</td></tr>
<tr><td>1</td><td>0</td><td>1</td><td>DCLK x 3</td></tr>
<tr><td>1</td><td>1</td><td>0</td><td>DCLK x 3.5z</td></tr>
<tr><td>1</td><td>1</td><td>1</td><td>DCLK x 4</td></tr>
</table></td></tr>
<tr><td>TSD0</td><td rowspan="2">33</td><td>O</td><td>Audio transmit serial data port 0.</td></tr>
<tr><td>SEL_PLL0</td><td>I</td><td>Refer to the description and matrix for SEL_PLL2 pin 32.</td></tr>
<tr><td>TSD1</td><td rowspan="2">36</td><td>O</td><td>Audio transmit serial data port 1.</td></tr>
<tr><td>SEL_PLL1</td><td>I</td><td>Refer to the description and matrix for SEL_PLL2 pin 32.</td></tr>
<tr><td>TSD[2]</td><td>37</td><td>O</td><td>Audio transmit serial data output 2.</td></tr>
<tr><td>TSD[3]</td><td>38</td><td>O</td><td>Audio transmit serial data output 3.</td></tr>
</table>

Table 1 ES60x8 Pin Description (Continued)

<table>
<tr><th>Name</th><th>Number</th><th>I/O</th><th>Definition</th></tr>
<tr><td>MCLK</td><td>39</td><td>I/O</td><td>Audio master clock for audio DAC.</td></tr>
<tr><td>TBCK</td><td>40</td><td>O</td><td>Audio transmit bit clock.</td></tr>
<tr><td>SPDIF</td><td rowspan="2">41</td><td>O</td><td>S/PDIF output.</td></tr>
<tr><td>SEL_PLL3</td><td>I</td><td>Clock source select.
<table>
<tr><th>SEL_PLL3</th><th>Clock Source</th></tr>
<tr><td>0</td><td>Crystal oscillator</td></tr>
<tr><td>1</td><td>DCLK input</td></tr>
</table></td></tr>
<tr><td>NC</td><td>42, 48</td><td></td><td>No connect pins. Leave open.</td></tr>
<tr><td>RSD</td><td>45</td><td>I</td><td>Audio receive serial data.</td></tr>
<tr><td>RWS</td><td>46</td><td>I</td><td>Audio receive frame sync.</td></tr>
<tr><td>RBCK</td><td>47</td><td>I</td><td>Audio receive bit clock.</td></tr>
<tr><td>XIN</td><td>49</td><td>I</td><td>Crystal input.</td></tr>
<tr><td>XOUT</td><td>50</td><td>O</td><td>Crystal output.</td></tr>
<tr><td>AVEE</td><td>51</td><td>I</td><td>Analog power for PLL.</td></tr>
<tr><td>DMA[11:0]</td><td>66:61, 58:53</td><td>O</td><td>DRAM address bus [11:0].</td></tr>
<tr><td>DCAS#</td><td>69</td><td>O</td><td>DRAM column address strobe.</td></tr>
<tr><td>DOE#</td><td rowspan="2">70</td><td>O</td><td>DRAM output enable.</td></tr>
<tr><td>DSCK_EN</td><td>O</td><td>DRAM clock enable.</td></tr>
<tr><td>DWE#</td><td>71</td><td>O</td><td>DRAM write enable.</td></tr>
<tr><td>DRAS#</td><td>72</td><td>O</td><td>DRAM row address strobe.</td></tr>
<tr><td>DMBS0</td><td>73</td><td>O</td><td>SDRAM bank select 0.</td></tr>
<tr><td>DMBS1</td><td>74</td><td>O</td><td>SDRAM bank select 1.</td></tr>
<tr><td>DB[15:0]</td><td>96:93, 90:85, 82:77</td><td>I/O</td><td>DRAM data bus [15:0].</td></tr>
<tr><td>DCS[1:0]#</td><td>97,100</td><td>O</td><td>SDRAM chip select [1:0].</td></tr>
<tr><td>DQM</td><td>101</td><td>O</td><td>Data input/output mask.</td></tr>
<tr><td>DSCK</td><td>102</td><td>O</td><td>Output clock to SDRAM.</td></tr>
<tr><td>DCLK</td><td>105</td><td>I</td><td>27 MHz clock input to PLL.</td></tr>
<tr><td>YUV0</td><td rowspan="3">106</td><td>O</td><td>YUV0 pixel output data.</td></tr>
<tr><td>CAMIN2</td><td>I</td><td>Camera input 2.</td></tr>
<tr><td>UDAC</td><td>O</td><td>Video DAC output.
<table>
<tr><th>Mode</th><th>YDAC</th><th>UDAC</th><th>VDAC</th><th>CDAC</th></tr>
<tr><td>A</td><td>Y</td><td>C</td><td>Composite</td><td>C</td></tr>
<tr><td>B</td><td>Y</td><td>Composite</td><td>Composite</td><td>C</td></tr>
<tr><td>C</td><td>Y</td><td>U</td><td>Composite</td><td>V</td></tr>
<tr><td>D</td><td>Y</td><td>U</td><td>C</td><td>V</td></tr>
</table>
Y: Luma component for YUV and Y/C processing.
C: Chrominance signal for Y/C processing.
U: Chrominance component signal for YUV mode.
V: Chrominance component signal for YUV mode.</td></tr>
</table>

Table 1 ES60x8 Pin Description (Continued)

Name	Number	I/O	Definition
YUV1	107	O	YUV1 pixel output data.
VREF		I	Internal voltage reference to video DAC. Bypass to ground with 0.1 F capacitor.
YUV2	108	O	YUV2 pixel output data.
CDAC		O	Video DAC output. Refer to description and matrix for UDAC pin 106.
YUV3	109	O	YUV3 pixel output data.
COMP		I	Compensation input. Bypass to ADVEE with 0.1 F capacitor.
YUV4	110	O	YUV4 pixel output data.
RSET		I	DAC current adjustment resistor input.
ADVEE	111	I	Analog power for video DAC.
YUV5	113	O	YUV5 pixel output data.
YDAC		O	Video DAC output. Refer to description and matrix for UDAC pin 106.
YUV6	114	O	YUV6 pixel output data.
VDAC		O	Video DAC output. Refer to description and matrix for UDAC pin 106.
YUV7	115	O	YUV7 pixel output data.
CAMIN3		I	Camera YUV 3.
PCLK2XSCN	116	I/O	27-MHz video output pixel clock.
CAMIN4		I	Camera YUV 4.
PCLKQSCN	117	O	13.5-MHz video output pixel clock.
CAMIN5		I	Camera YUV 5.
VSYNC#	118	I/O	Vertical sync, active low.
CAMIN6		I	Camera YUV 6.
HSYNC#	119	I/O	Horizontal sync, active low.
CAMIN7		I	Camera YUV 7.
HD[5:0]	127:122	I/O	Host data I/O [5:0].
DCI[5:0]		I/O	DVD channel data I/O [5:0].
AUX1[5:0]		I/O	Aux1 data I/O [5:0].
HD[6]	128	I/O	Host data I/O [6].
DCI[6]		I/O	DVD channel data I/O [6].
AUX1[6]		I/O	Aux1 data I/O [6].
VFD_DOUT		I	VFD data output.
HD[7]	131	I/O	Host data I/O [7].
DCI[7]		I/O	DVD channel data I/O [7].
AUX1[7]		I/O	Aux1 data I/O [7:0].
VFD_DIN		I	VFD data input.
HD[8]	132	I/O	Host data bus 8.
DCI_FDS#		I/O	DVD input sector start.
AUX2[0]		I/O	Aux2 data I/O 0.
VFD_CLK		I	VFD clock input.
HD[9]	133	I/O	Host data bus line 9.
AUX2[1]		I/O	Aux2 data I/O [1] when selected.
SQSQ		I	Subcode-Q data.
HD[10]	134	I/O	Host data bus line10.
AUX2[2]		I/O	Aux2 data I/O [2] when selected.
SQSK		I	Subcode-Q clock.

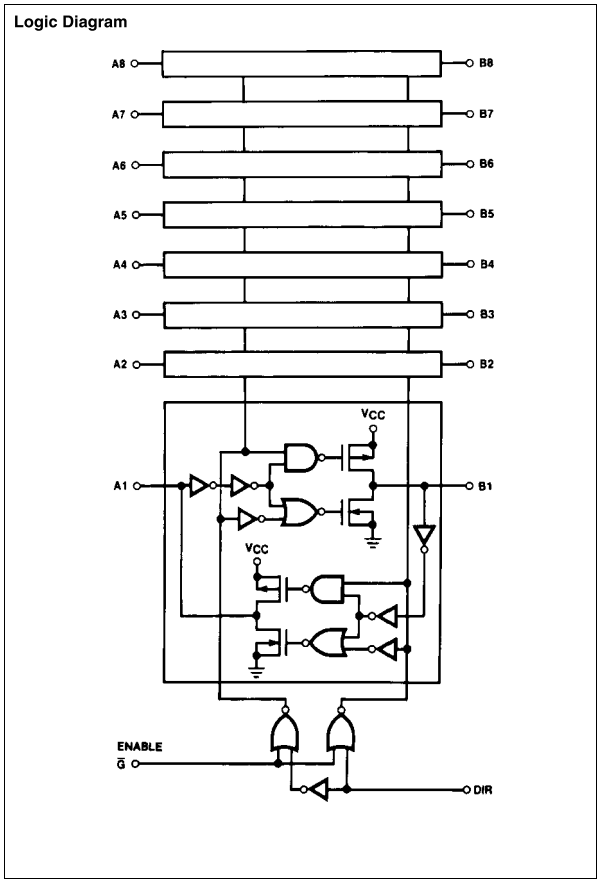
Table 1 ES60x8 Pin Description (Continued)

Name	Number	I/O	Definition
HD[11]	135	I/O	Host data bus line11.
AUX2[3]		I/O	Aux2 data I/O [3] when selected.
IRQ		O	IRQ output.
HD[12]	136	I/O	Host data bus line12.
AUX2[4]		I/O	Aux2 data I/O [4] when selected.
C2PO		I	C2PO error correction flag from CD-ROM.
HD[13]	137	I/O	Host data bus line13.
AUX2[5]		I/O	Aux2 data I/O [5] when selected.
SP		I	16550 UART serial port input.
HD[14]	140	I/O	Host data bus line14.
AUX2[6]		I/O	Aux2 data I/O [6] when selected.
SQSI		I	Subcode-Q sync.
HD[15]	141	I/O	Host data bus line15.
AUX2[7]		I/O	Aux2 data I/O [7] when selected.
IR		I	IR remote control input.
HWRQ#	142	O	Host write request.
DCI_REQ#		O	DVD control interface request.
AUX4[1]		I/O	Aux4 data I/O 1.
HRRQ#	143	O	Host read request.
AUX4[0]		I/O	Aux4 data I/O 0.
HIRQ	144	I/O	Host interrupt.
DCI_ERR#		I/O	DVD channel data error.
AUX4[7]		I/O	Aux4 data I/O 7.
HRST#	145	O	Host reset.
AUX3[5]		I/O	Aux3 data I/O 5.
HIORDY	146	I	Host I/O ready.
AUX3[3]		I/O	Aux3 data I/O 3.
HWR#	149	I/O	Host write.
DCI_CLK		I/O	DVD channel data clock.
AUX4[5]		I/O	Aux4 data I/O 5.
HRD#	150	O	Host read.
DCI_ACK#		O	DVD channel data valid.
AUX4[6]		I/O	Aux4 data I/O 6.
HIOCS16#	151	I	Device 16-bit data transfer.
CAMCLK		I	Camera port pixel clock input.
AUX3[4]		I/O	Aux3 data I/O 4.
HCS1FX#	152	O	Host select 1.
AUX3[7]		I/O	Aux3 data I/O 7.
HCS3FX#	153	O	Host select 3.
AUX3[6]		I/O	Aux3 data I/O 6.
HA[2:0]	158, 155:154	I/O	Host address bus.
AUX4[4:2]		I/O	Aux4 data I/Os [4:2].
AUX[1:0]	160	I/O	Auxiliary ports 1:0.

Table 1 ES60x8 Pin Description (Continued)

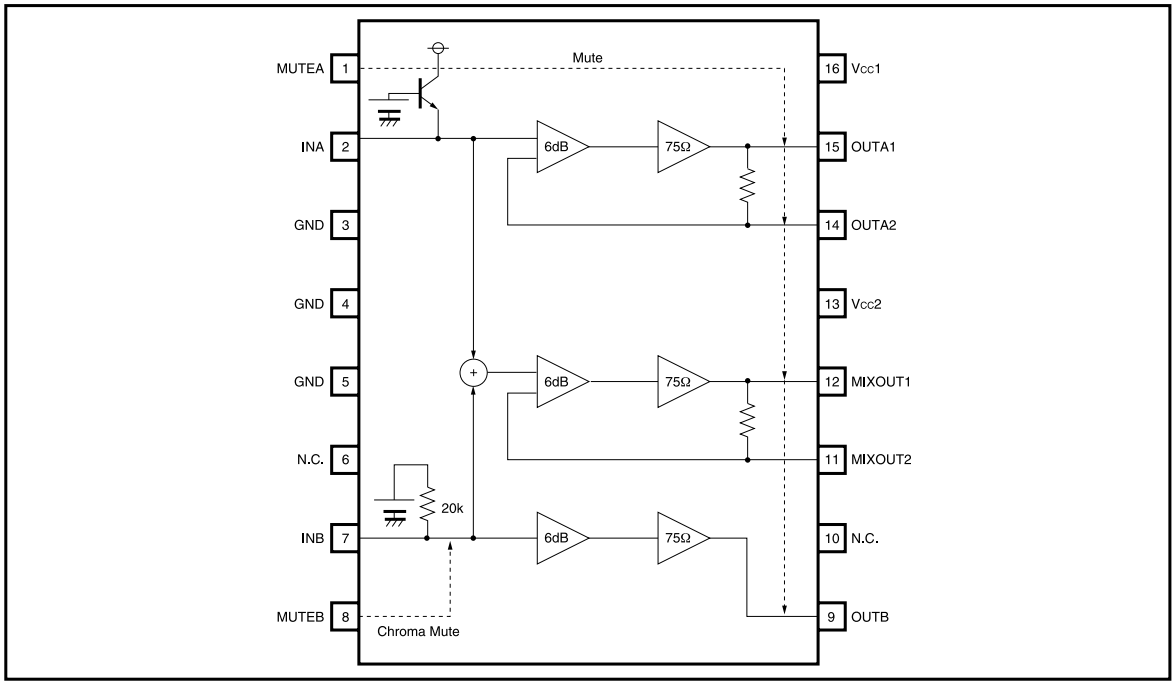
Name	Number	I/O	Definition
AUX[2]	162	I/O	Auxiliary port 2.
IOW#		O	I/O Write strobe.
AUX[3]	165	I/O	Auxiliary port 3.
IOR#		O	I/O Read strobe.
AUX[7:3]	169:166	I/O	Auxiliary ports 7:3.
LOE#	170	O	Device output enable.
LCS[3:0]#	176:173	O	Chip select [3:0].
LD[15:0]	197:194, 191:185, 182:178	I/O	EPROM device data bus.
LWRLL#	198	O	Device low-byte write enable.
LWRHL#	199	O	Device high-byte write enable.
CAMIN0	202	I	Camera YUV 0.
CAMIN1	203	I	Camera YUV 1.

8-2-2. 74HCT245

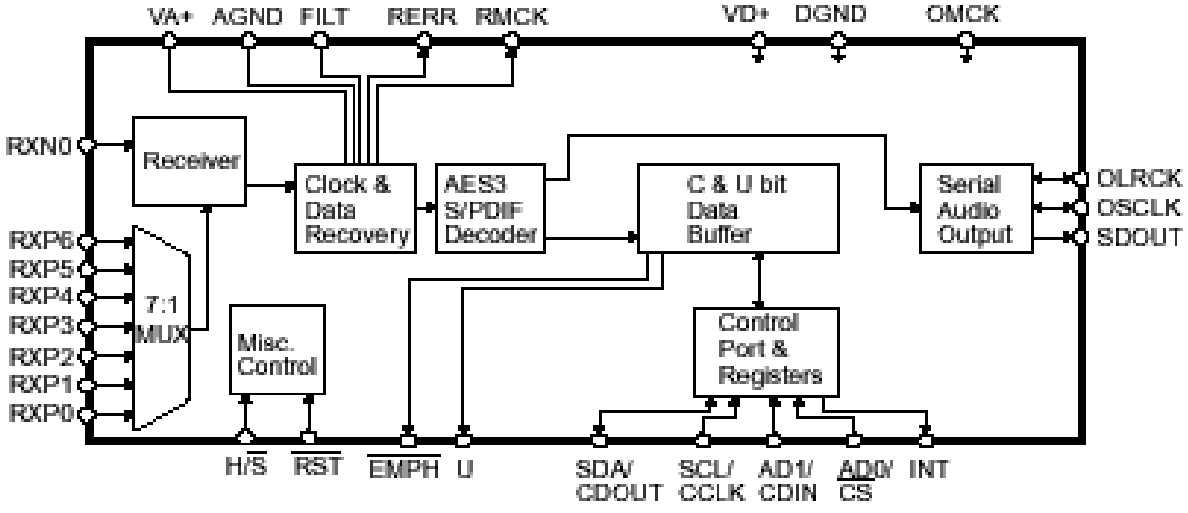


8-2-3. BA7665FS

●Block diagram

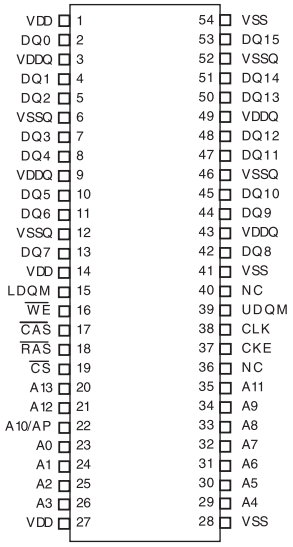


8-2-4. CS8415

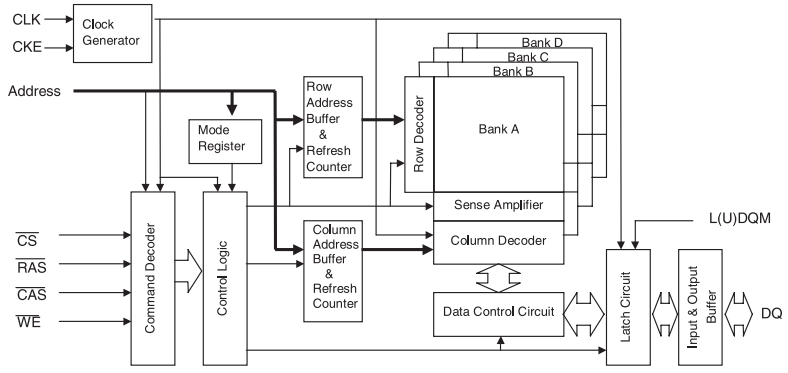


PIN ASSIGNMENT

Top View



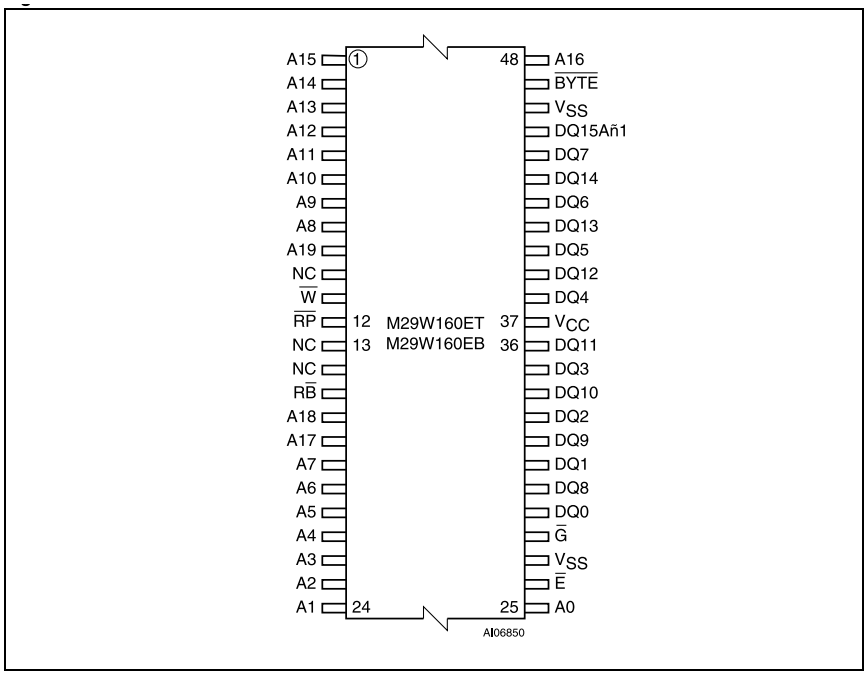
FUNCTIONAL BLOCK DIAGRAM



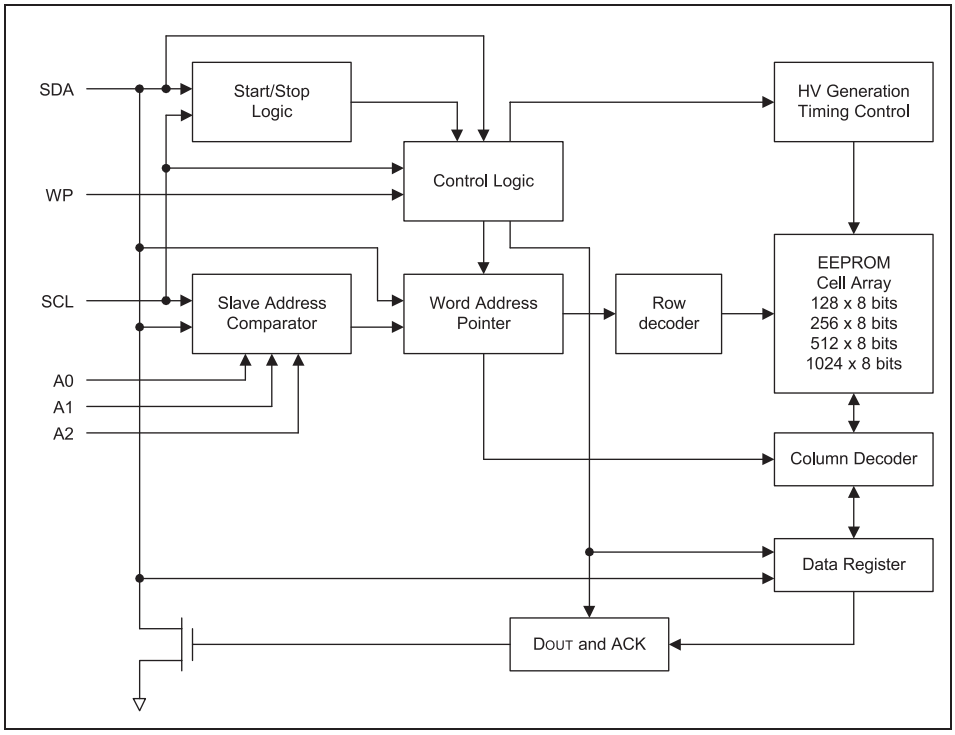
PIN FUNCTION DESCRIPTION

PIN	NAME	INPUT FUNCTION
CLK	System Clock	Active on the positive going edge to sample all inputs
$\overline{CS}$	Chip Select	Disables or enables device operation by masking or enabling all inputs except CLK , CKE and L(U)DQM
CKE	Clock Enable	Masks system clock to freeze operation from the next clock cycle. CKE should be enabled at least one cycle prior new command. Disable input buffers for power down in standby.
A0 ~ A11	Address	Row / column address are multiplexed on the same pins. Row address : RA0~RA11, column address : CA0~CA7
A12 , A13	Bank Select Address	Selects bank to be activated during row address latch time. Selects bank for read / write during column address latch time.
$\overline{RAS}$	Row Address Strobe	Latches row addresses on the positive going edge of the CLK with $\overline{RAS}$ low. Enables row access & precharge.
$\overline{CAS}$	Column Address Strobe	Latches column address on the positive going edge of the CLK with $\overline{CAS}$ low. Enables column access.
$\overline{WE}$	Write Enable	Enables write operation and row precharge. Latches data in starting from $\overline{CAS}$, $\overline{WE}$ active.
L(U)DQM	Data Input / Output Mask	Makes data output Hi-Z, t_{SHZ} after the clock and masks the output. Blocks data input when L(U)DQM active.
DQ0 ~ DQ15	Data Input / Output	Data inputs / outputs are multiplexed on the same pins.
VDD / VSS	Power Supply / Ground	Power and ground for the input buffers and the core logic.
VDDQ / VSSQ	Data Output Power / Ground	Isolated power supply and ground for the output buffers to provide improved noise immunity.
NC	No Connection	This pin is recommended to be left No Connection on the device.

8-2-6. M29W160E



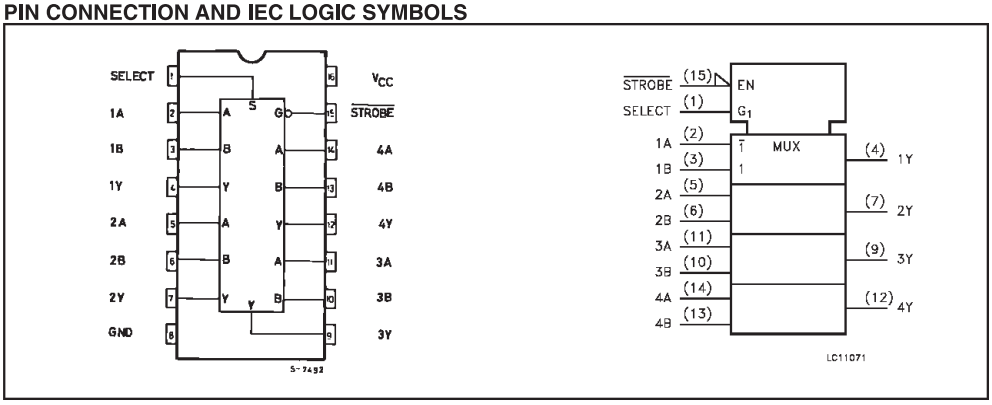
8-2-7. S524C20D21_20D41



S524C20D11/20D21/80D41/80D81 Block Diagram

8-2-8. STM_74LCX157

PIN CONNECTION AND IEC LOGIC SYMBOLS

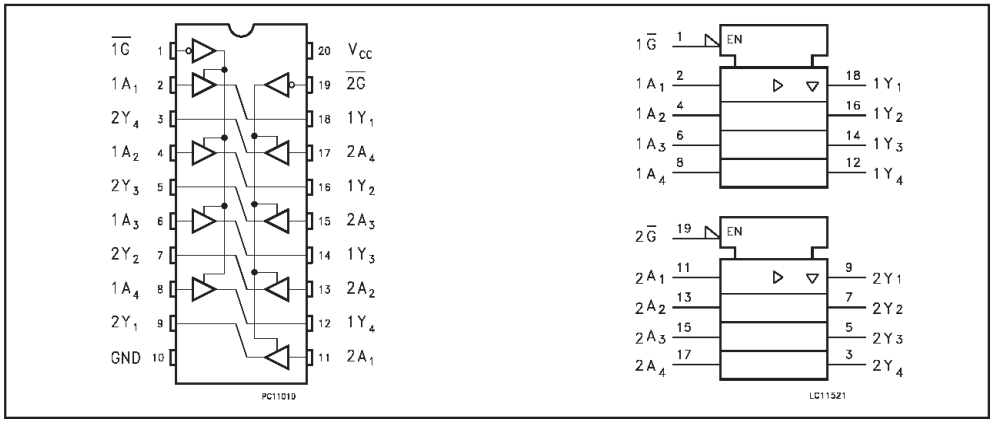


PIN DESCRIPTION

PIN No	SYMBOL	NAME AND FUNCTION
1	SELECT	Common Data Select Inputs
2, 5, 11, 14	1A to 4A	Data Inputs From Source A
3, 6, 10, 13	1B to 4B	Data Inputs From Source B
4, 7, 9, 12	1Y to 4Y	Multiplexer Outputs
15	STROBE	Strobe Input
8	GND	Ground (0V)
16	V_{CC}	Positive Supply Voltage

8-2-9. STM_74LCX244

PIN CONNECTION AND IEC LOGIC SYMBOLS



PIN DESCRIPTION

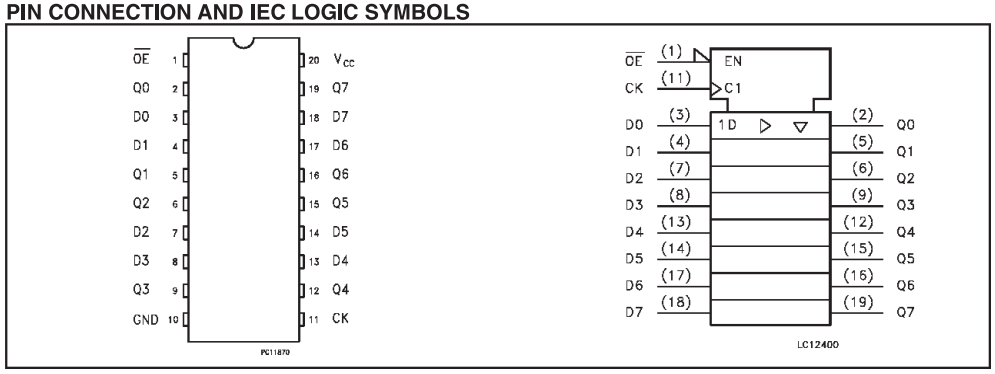
PIN No	SYMBOL	NAME AND FUNCTION
1	$\overline{1G}$	Output Enable Input
2, 4, 6, 8	1A1 to 1A4	Data Inputs
9, 7, 5, 3	2Y1 to 2Y4	Data Outputs
11, 13, 15, 17	2A1 to 2A4	Data Inputs
18, 16, 14, 12	1Y1 to 1Y4	Data Outputs
19	$\overline{2G}$	Output Enable Input
10	GND	Ground (0V)
20	V_{CC}	Positive Supply Voltage

TRUTH TABLE

INPUT		OUTPUT
$\overline{G}$	An	Yn
L	L	L
L	H	H
H	X	Z

X : Don't Care
Z : High Impedance

PIN CONNECTION AND IEC LOGIC SYMBOLS



PIN DESCRIPTION

PIN No	SYMBOL	NAME AND FUNCTION
1	OE	3 State Output Enable Input (Active LOW)
2, 5, 6, 9, 12, 15, 16, 19	Q0 to Q7	3-State Outputs
3, 4, 7, 8, 13, 14, 17, 18	D0 to D7	Data Inputs
11	CK	Clock Input (LOW to HIGH, edge triggered)
10	GND	Ground (0V)
20	V_{CC}	Positive Supply Voltage

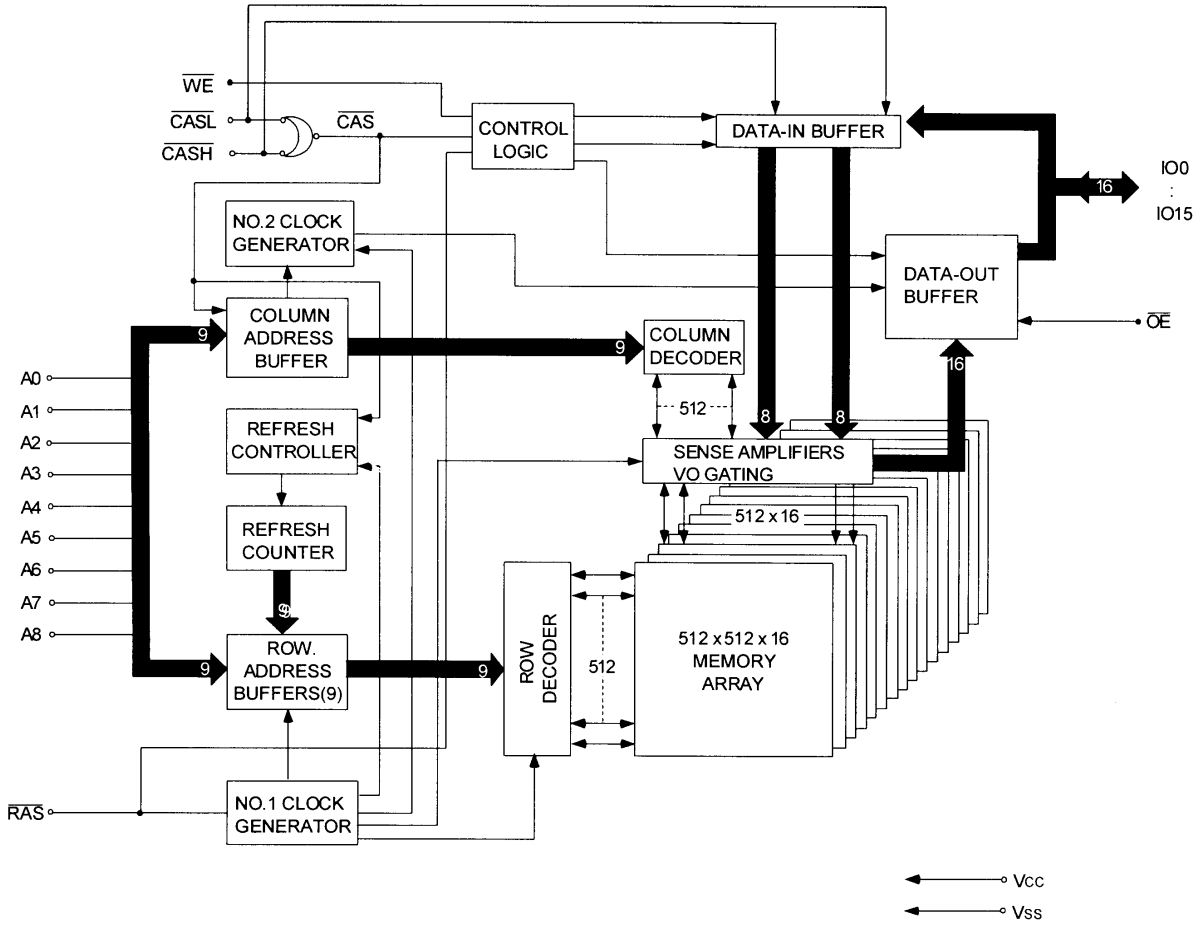
TRUTH TABLE

INPUT			OUTPUT
$\overline{OE}$	CK	D	Q
H	X	X	Z
L	↓	X	NO CHANGE
L	↑	L	L
L	↑	H	H

X : Don't Care
Z : High Impedance

8-3-1. M11B416256A

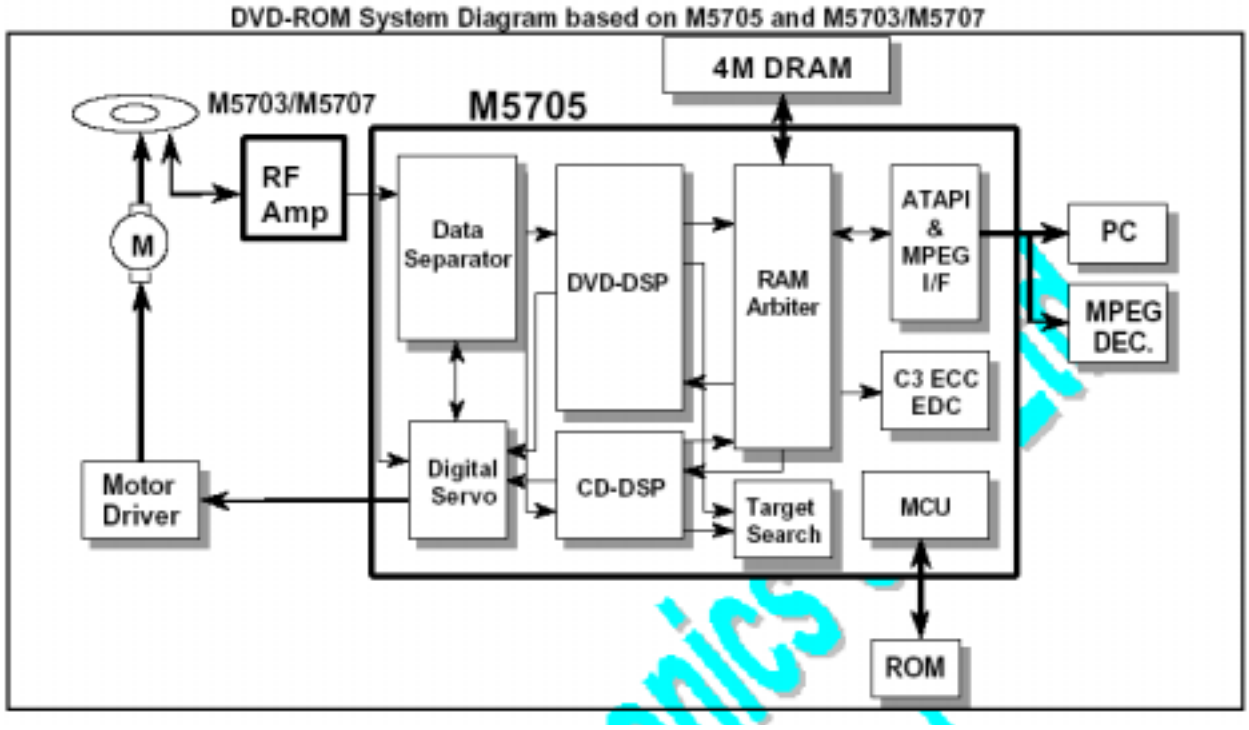
FUNCTIONAL BLOCK DIAGRAM



PIN DESCRIPTIONS

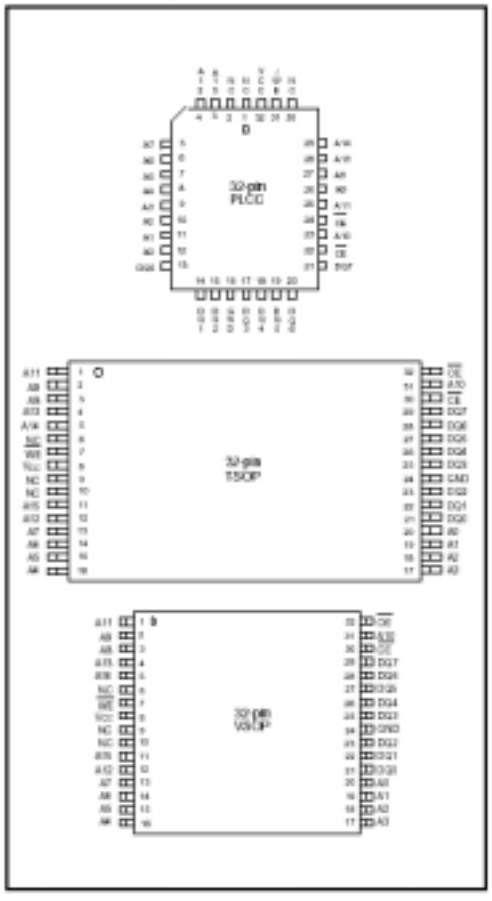
PIN NO.	SYM.	TYPE	DESCRIPTION
16~19,22~26	A0~A8	Input	Address Input
14	$\overline{RAS}$	Input	Row Address Strobe
28	$\overline{CASH}$	Input	Column Address Strobe/Upper Byte Control
29	$\overline{CASL}$	Input	Column Address Strobe/Lower Byte Control
13	$\overline{WE}$	Input	Write Enable
27	$\overline{OE}$	Input	Output Enable
2~5,7~10,31~34,36~39	I/O0 ~ I/O15	Input/Output	Data Input/Output
1,6,20	Vcc	Supply	Power, 5V
21,35,40	Vss	Ground	Ground
11,12,15,30	NC	-	No Connect

8-3-2. M5705

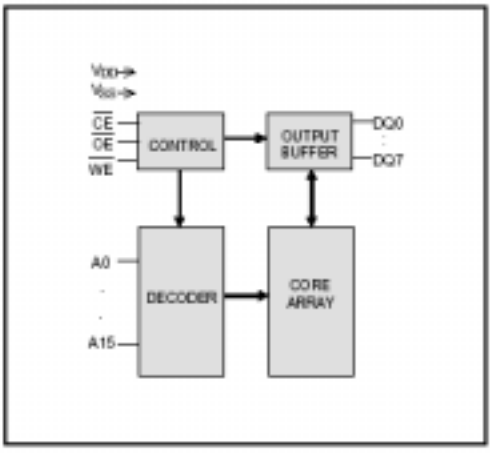


8-3-3. W29EE512F1

PIN CONFIGURATIONS



BLOCK DIAGRAM



PIN DESCRIPTION

SYMBOL	PIN NAME
A0–A15	Address Inputs
DQ0–DQ7	Data Inputs/Outputs
$\overline{CE}$	Chip Enable
$\overline{OE}$	Output Enable
$\overline{WE}$	Write Enable
VCC	Power Supply
GND	Ground
NC	No Connection

8-4 MICOM PORT ASSIGNMENT

HT-DB300/350/750/120 PORT ASSIGNMENT

REV3

NO	PORT	NAME	I/O	TYPE	FUNCTION	NO	PORT	NAME	I/O	TYPE	FUNCTION
1	P16	CK1	O		F1,F2/TU/EXP/CODEC/DAB	51	PIX0	VPP			-36V
2	P17	DO1	O		F1,F2/TU/EXP/CODEC/DAB	52	PC4	S9	O		VFD SEG9(DVD1)
3	P30	FULT	O	INT	M62446(SM7347) LATCH	53	PC5	S10	O		VFD SEG10(DVD2)
4	P31	DI1	I	INT	M66010 DATA IN	54	PC6	S11	O		VFD SEG11(DVD3)
5	P32	CE1	O	INT	M66010 LATCH	55	PC7	S12	O		VFD SEG12(DVD4)
6	P33	CE2	O	INT	LC72131 LATCH	56	PD0	S13	O		VFD SEG13(DVD5)
7	P34	DI2	I	INT	LC72131 DATA IN	57	PD1	S14	O		VFD SEG14(NEW DSP)
8	P35	SS	O	INT	DSP CHIP SELECT	58	PD2	S15	O		VFD SEG15(DAB)
9	P36	SCK	O	INT	DSP CLOCK	59	PD3	S16	O		VFD SEG16(Full Range)
10	P37	D.RESET	O	INT	DVD RESET	60	PD4	S17	O		VFD SEG17(RGB/YCbCr)
11	RES	RESET	I		MICOM RESET	61	PD5	S18	O		VFD SEG18(Opt.Output)
12	XT1	XT1	I		NC(PULL UP)	62	PD6	S19	O		VFD SEG19(300/750)
13	XT2	XT2	O		NC(OPEN)	63	PD7	S20	O		VFD SEG20(WIDE)
14	VSS1	GND			GND	64	PE0	S21	O		VFD SEG21
15	CF1	CF1	I		10MHZ OSC IN	65	PE1	S22	O		VFD SEG22
16	CF2	CF2	O		10MHZ OSC OUT	66	PE2	S1	O		VFD SEG1
17	VDD1	VDD1			VDD 5V	67	PE3	S2	O		VFD SEG2
18	P80	AD1	I	AD	KEY A/D 1	68	PE4	S3	O		VFD SEG3
19	P81	RDS-DI	I	AD	RDS DATA IN	69	PE5	S4	O		VFD SEG4
20	P82	NC	I	AD	NC(PULL DOWN)	70	PE6	OPT IN	I		OPTION IN(PULL DOWN)
21	P83	NC	I	AD	NC(PULL DOWN)	71	PE7	NC			NC(PULL DOWN)
22	P84	NC	O	AD	NC(PULL DOWN)	72	VDD4	VDD4			VFD 5V
23	P85	NC	O	AD	NC(PULL DOWN)	73	PF0	HP SENS	I		HEADPHONE SENS
24	P86	NC	O	AD	NC(PULL DOWN)	74	PF1	P ON	O		POWER ON
25	P87	NC	O	AD	NC(PULL DOWN)	75	PF2	EVR.IN	I		VOLUME UP
26	P70	RDS-CK	I	INT	RDS CLK IN/DAB REQUEST	76	PF3	EVR.IN	I		VOLUME DOWN
27	P71	RXD	I	INT	RXD	77	PF4	P SENS	I		POWER SENS
28	P72	PREQ	I	INT	DSP REQUEST	78	PF5	NC	O		NC(PULL DOWN)
29	P73	REMO	I	INT	REMOCON IN	79	PF6	NC	O		NC(PULL DOWN)
30	T0	G1	O		VFD GRID 1	80	PF7	NC	O		NC(PULL DOWN)
31	T1	G2	O		VFD GRID 2	81	PG0	NC	O		NC(PULL DOWN)
32	T2	G3	O		VFD GRID 3	82	PG1	NC	O		NC(PULL DOWN)
33	T3	G4	O		VFD GRID 4	83	PG2	NC	O		NC(PULL DOWN)
34	T4	G5	O		VFD GRID 5	84	PG3	NC	O		NC(PULL DOWN)
35	T5	G6	O		VFD GRID 6	85	PO0	NC	O		NC(OPEN)
36	T6	G7	O		VFD GRID 7	86	PO1	LED1	O		Volume LED ON/OFF
37	T7	G8	O		VFD GRID 8	87	PO2	LED2	O		Volume DIMMER
38	T8	G9	O		VFD GRID 9	88	PO3	LED3	O		P/ON LED(Active"L")
39	T9	G10	O		VFD GRID 10	89	VSS2	GND			GND
40	T10	G11	O		VFD GRID 11	90	VDD2	VDD2			VDD 5V
41	T11	NC	O		NC(PULL DOWN)	91	P04	NC	O		NC(OPEN)
42	T12	NC	O		NC(PULL DOWN)	92	P05	LED4	O		H/P Surr LED
43	T13	NC	O		NC(PULL DOWN)	93	P06	LED5	O		Hall Surr LED
44	T14	NC	O		NC(PULL DOWN)	94	P07	LED6	O		Auto SETUP LED
45	T15	NC	O		NC(PULL DOWN)	95	P10	DAB CS	O		DAB Chip Selector
46	VDD3	VDD3			VFD 5V	96	P11	SI	I		DSP DATA IN (DSP:SO)
47	PC0	S5	O		VFD SEG5(TUNER1)	97	P12	SO	O		DSP DATA OUT(DSP:SI)
48	PC1	S6	O		VFD SEG6(TUNER2)	98	P13	TXD	O		TXD
49	PC2	S7	O		VFD SEG7(TUNER3)	99	P14	STB	O		STB
50	PC3	S8	O		VFD SEG8(RDS)	100	P15	ACK	I		ACK

<UPDATE CONNECTION>

1	97	CLK
2	96	DO
3	95	DI
4	90	VDD
5	89	GND
6	11	RESET

<PACK CONNECTION>

DVD-PACK		MICOM
P-RXD	<--	P-TXD
P-TXD	-->	P-RXD
P-ACK	<--	P-STB
P-STB	-->	P-ACK

* PORT EXPANDER

HT-DB300/350/750/120 EXPANDER REV3

M66010 (EXPANDER)

NO	PORT	NAME	I/O	TYPE
1	DO	DO1	O	E-DATA (MICOM : DI1)
2	DI	DI1	I	M-DATA (MICOM : DO1)
3	CLK	CK1	I	M-CLK
4	CE	CE1	I	LATCH
5	VCC	VCC		MICOM 5V
6	CLS	CLS	I	MICOM 5V
7	GND	GND		GND
8	D24	SEL_1	O	PASS-THROUGH(=H)
9	D23	MIC-S	I	MIC-SENCE (Active H)
10	D22	NC	O	NC
11	D21	V-SW1	O	A/V SW1
12	D20	V-SW2	O	A/V SW2
13	D19	RGB	O	V-AV SEL
14	D18	AV1	O	V-CTRL1(VIDEO INPUT SELECTION)
15	D17	AV2	O	V-CTRL2(VIDEO INPUT SELECTION)
16	GND	GND		GND
17	D16	F-L	0	FRONT L-CH GAIN ADJ.
18	D15	F-R	0	FRONT R-CH GAIN ADJ.
19	D14	C	0	CENTER-CH GAIN ADJ.
20	D13	R-L	0	REAR L-CH GAIN ADJ.
21	D12	R-R	0	REAR R-CH GAIN ADJ.
22	D11	DAB-CON	O	DAB SPDIF SELECTOR
23	D10	F.B SNS	I	FAN MALFUNCTION SENSE (NC)
24	D9	TUNED	I	TUNED (Active L)
25	D8	ST	I	STEREO (Active L)
26	D7	H-M	O	H/P MUTE
27	D6	COD RESET	O	CODEC RESET (=L)
28	D5	SETUP MIC	O	SETUP MIC INSERT (=H)
29	D4	SCART_M	O	Scart Mute
30	D3	DAB RESET	O	DAB RESET (=L)
31	D2	PLD-RES	O	PLD RESET (=L)
32	D1	PRO	I	PROTECTION (Active H)

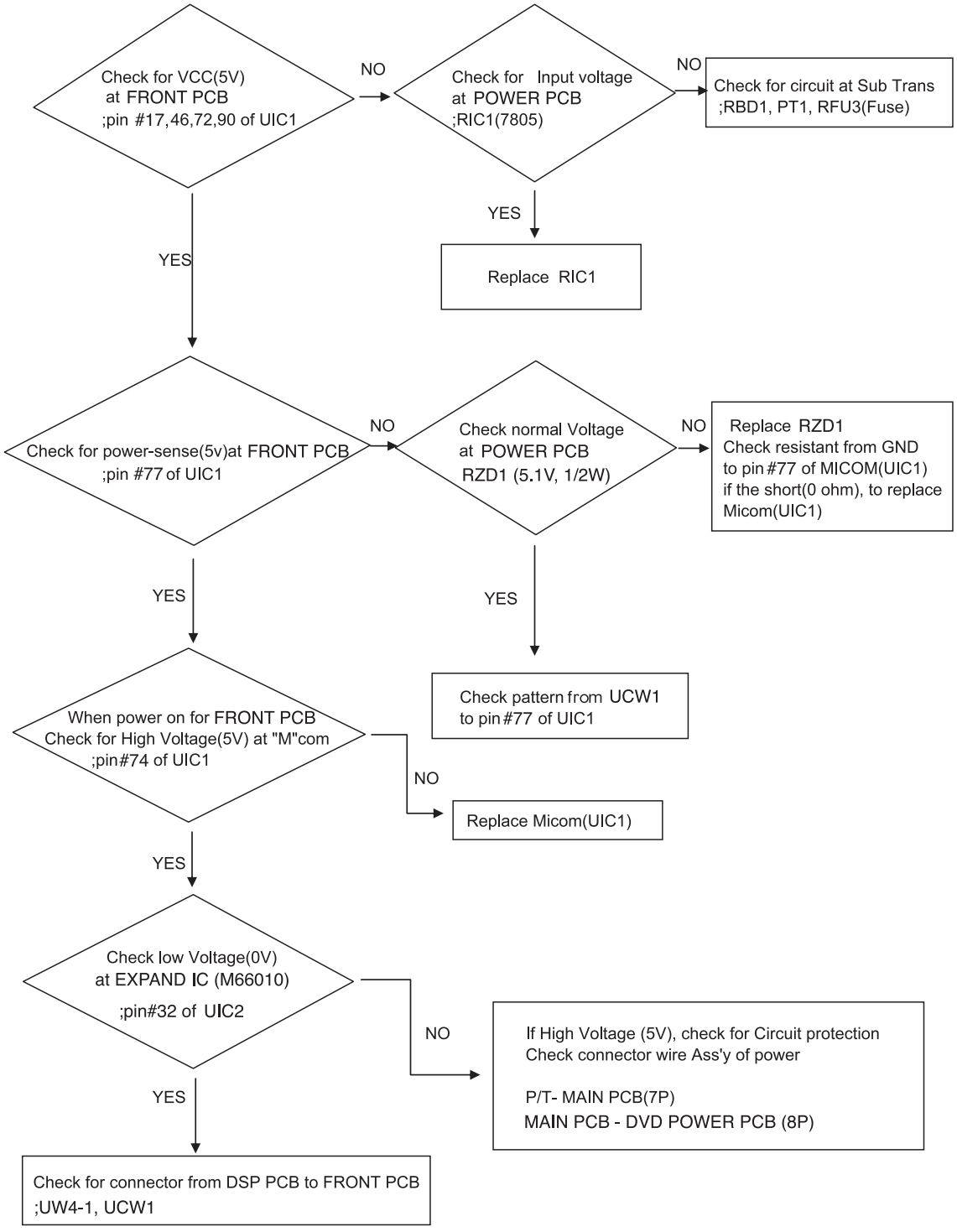
M62446 (FUNCTION IC)

NO	PORT	NAME
1	OUT4	C/MUTE
2	OUT3	R/MUTE
3	OUT2	F/MUTE
4	OUT1	AMP-ON

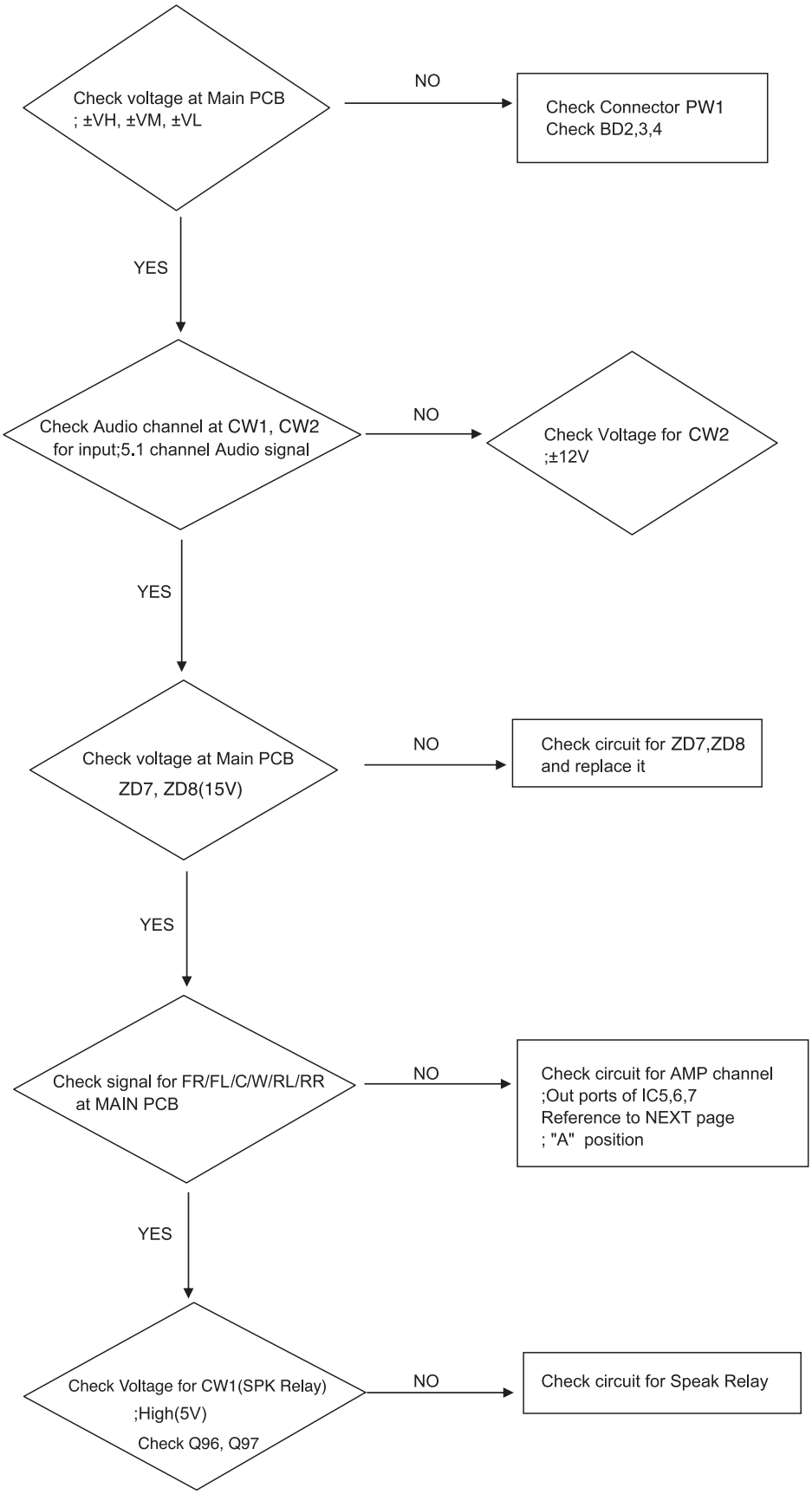
9. TroubleShooting

9-1 Main

1. POWER

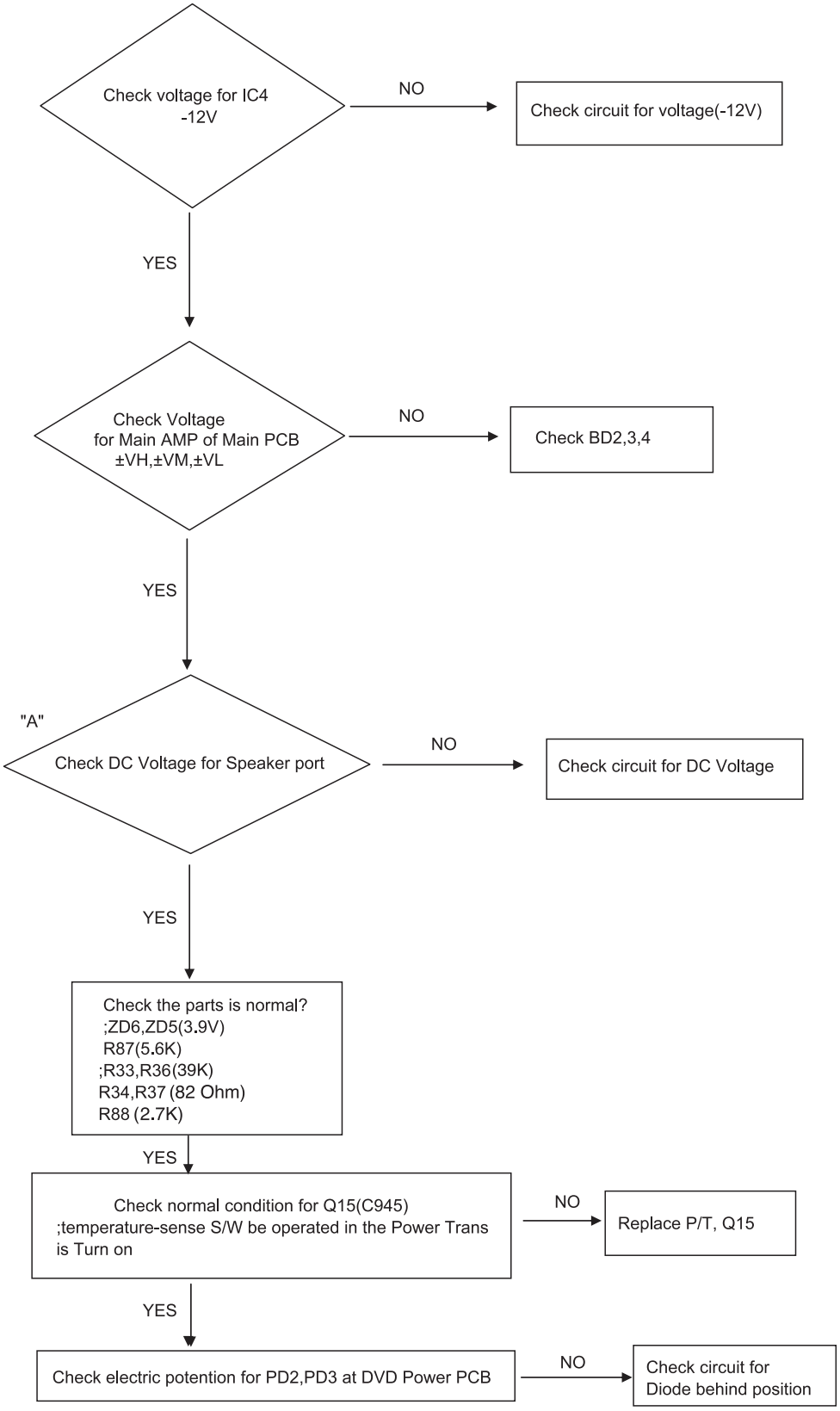


2. OUTPUT

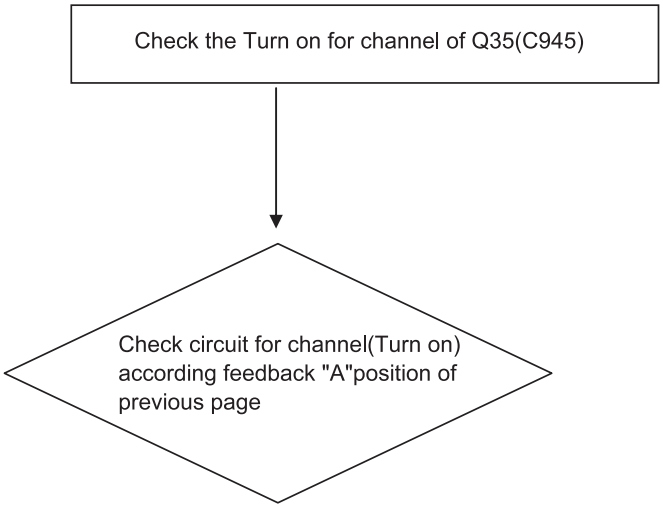

Check voltage at Main PCB
; ±VH, ±VM, ±VL
NO
Check Connector PW1
Check BD2,3,4
YES
Check Audio channel at CW1, CW2
for input;5.1 channel Audio signal
NO
Check Voltage for CW2
;±12V
YES
Check voltage at Main PCB
ZD7, ZD8(15V)
NO
Check circuit for ZD7,ZD8
and replace it
YES
Check signal for FR/FL/C/W/RL/RR
at MAIN PCB
NO
Check circuit for AMP channel
;Out ports of IC5,6,7
Reference to NEXT page
; "A" position
YES
Check Voltage for CW1(SPK Relay)
;High(5V)
Check Q96, Q97
NO
Check circuit for Speak Relay

3. Protection(When High Voltage at Protectiion port)

3-1 In this case "LOW" for, Base port of Q12(R2003 TR) at MAIN PCB



3-2 In this case "LOW" for Base of Q13(A733) at Main PCB

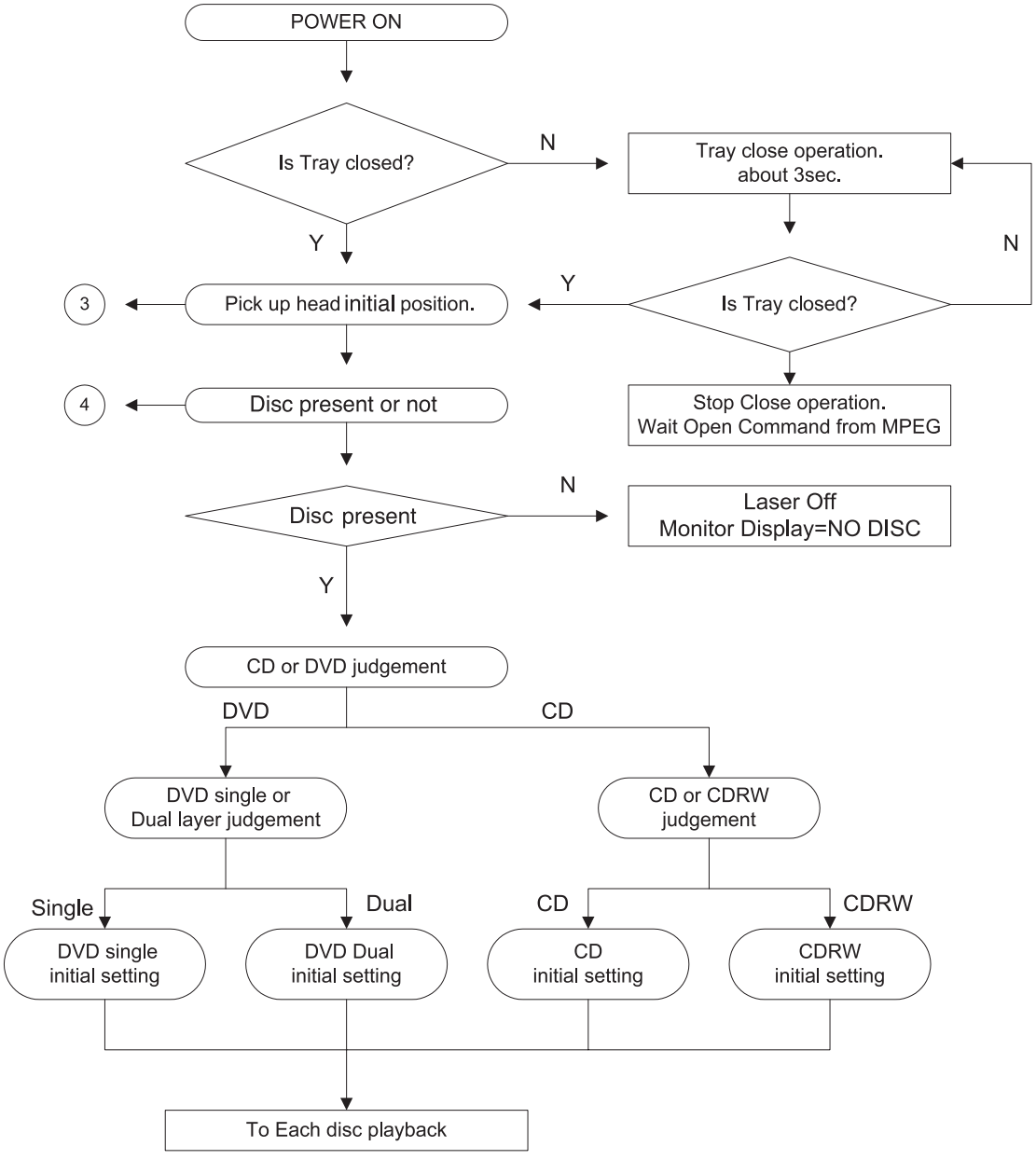

Check the Turn on for channel of Q35(C945)
Check circuit for channel(Turn on)
according feedback "A"position of
previous page

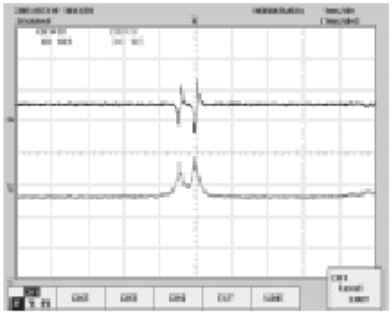
3-3 Check the Connector Wire Ass'y Connectin of each PCB

;DVD MECHA - Main PCB (8P,PW3)

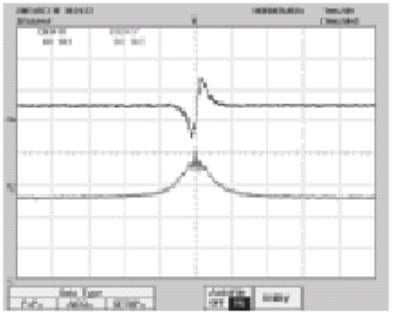
;POWER TRANS - Main PCB (PW1)

1. Initial operation after power ON



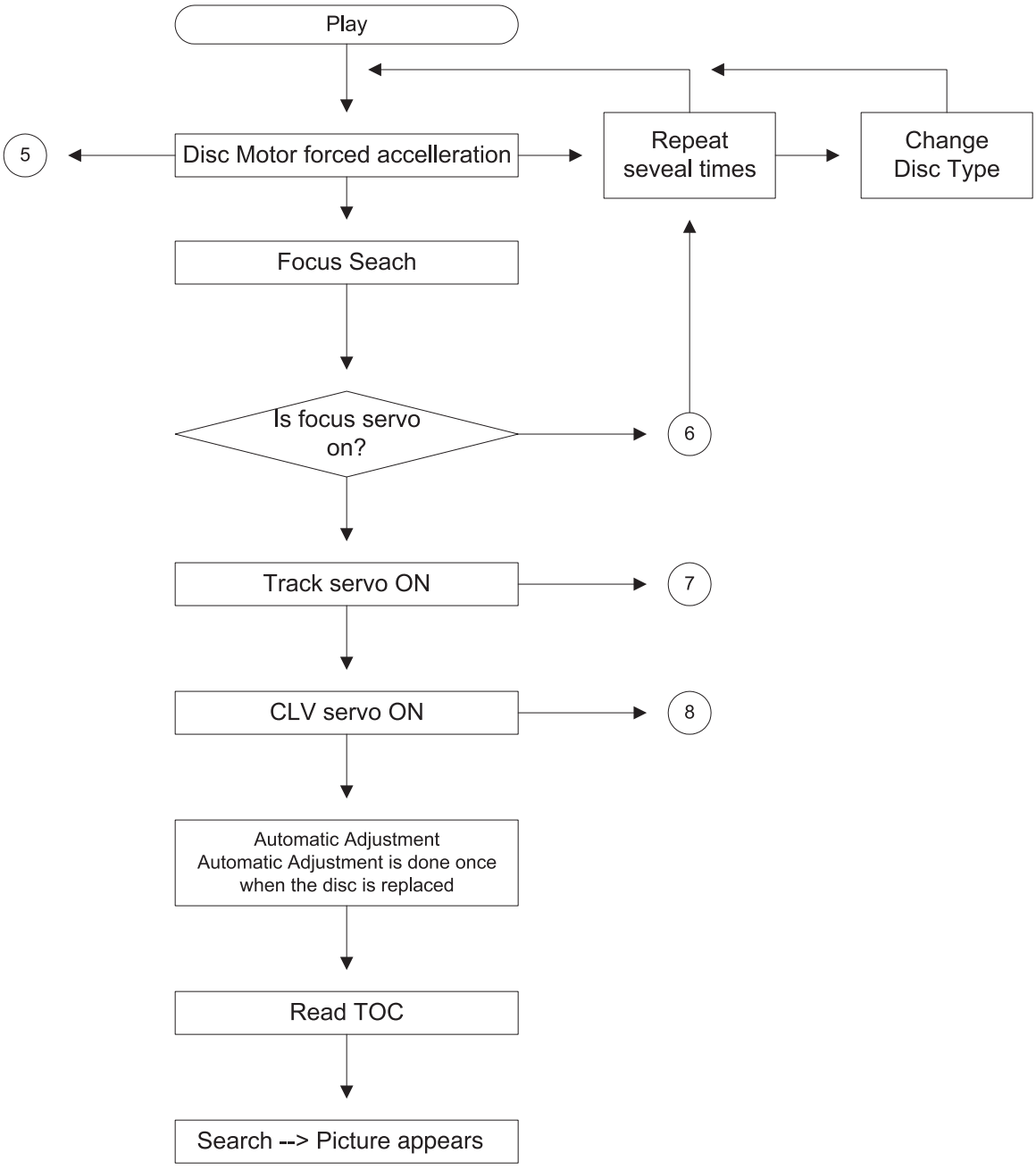


(DVD Dual)



(DVD Single)

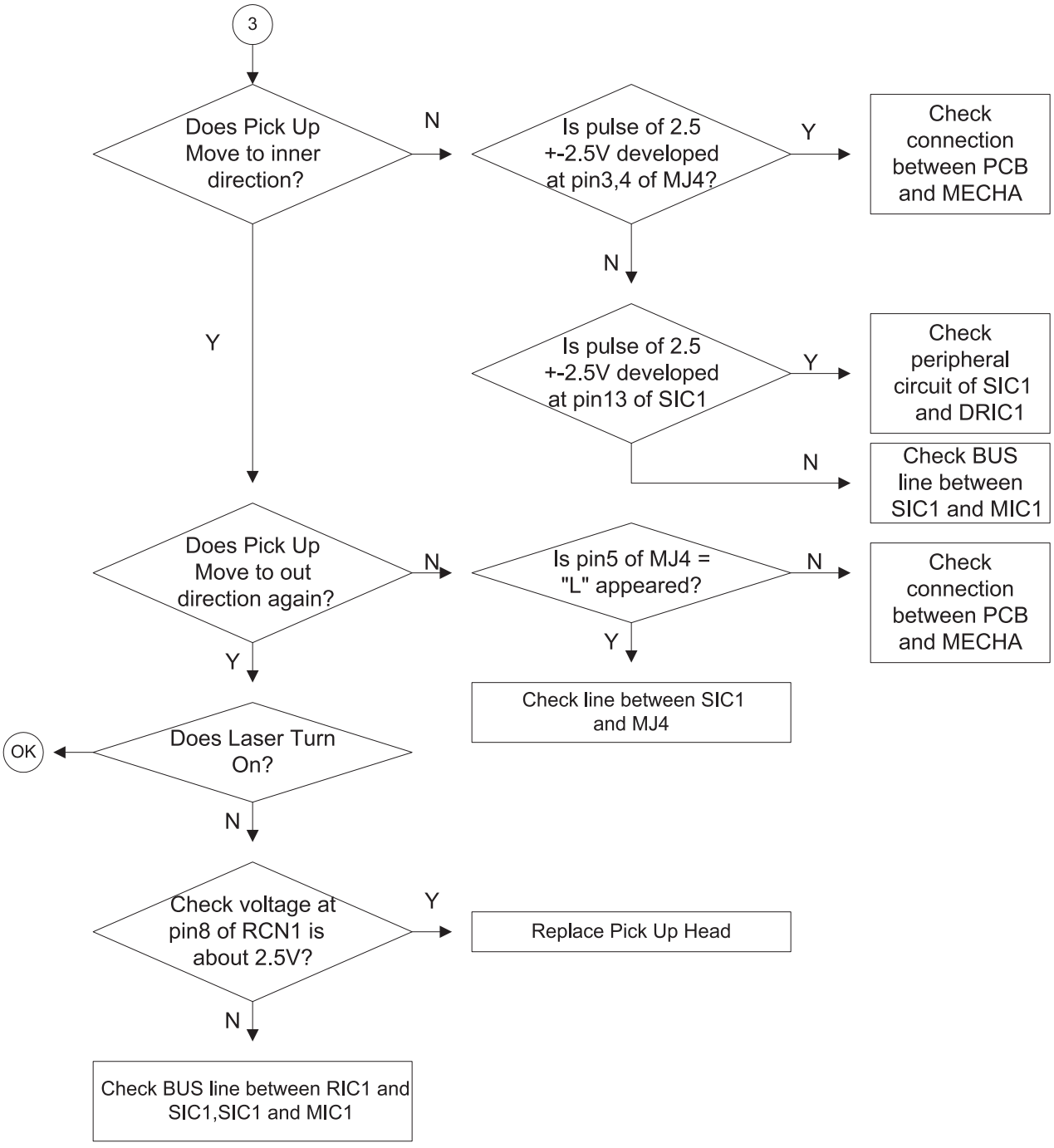
2. Play operation



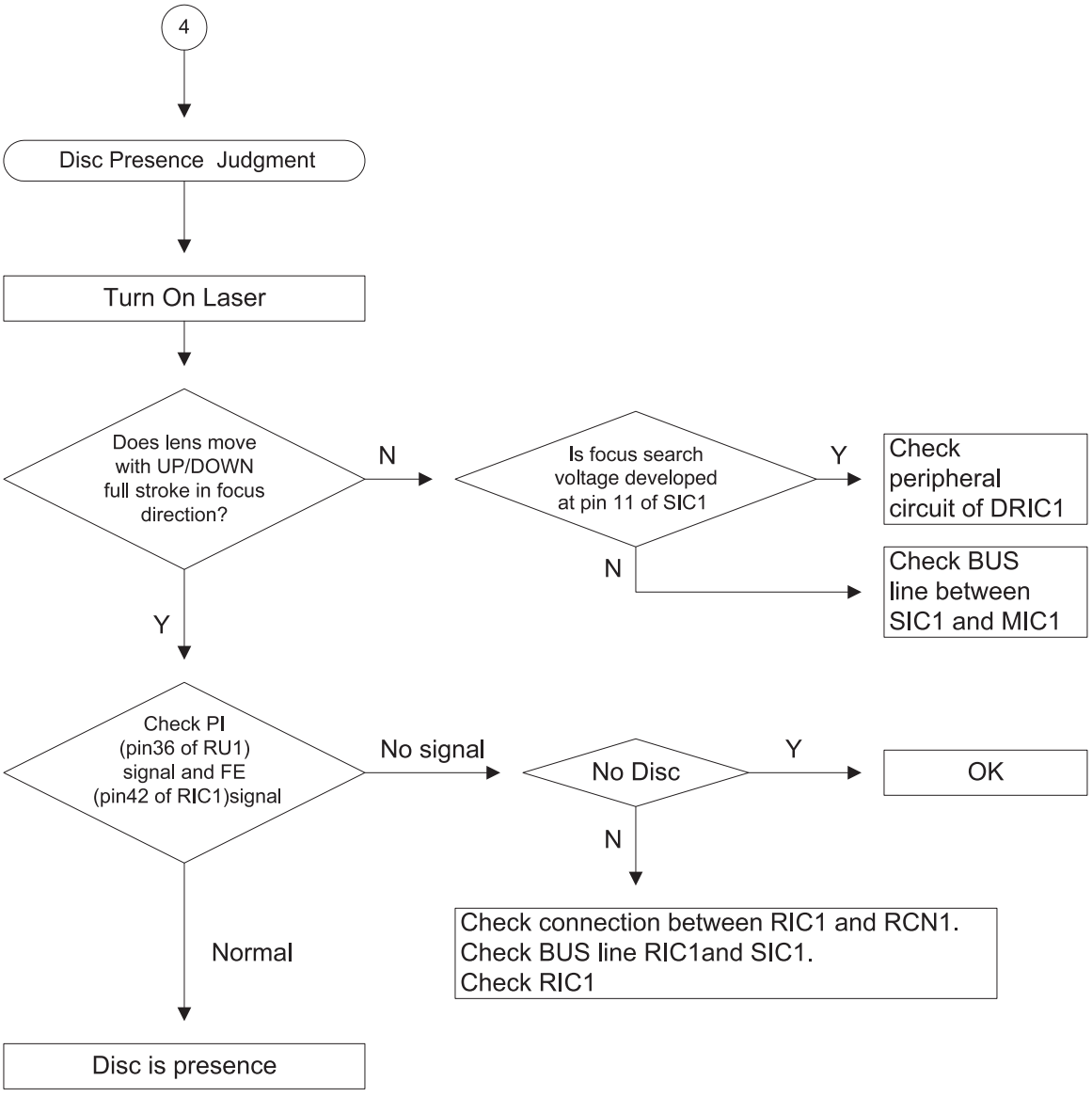
3. PickUp Head Initial Position

PickUp Head Initial Position

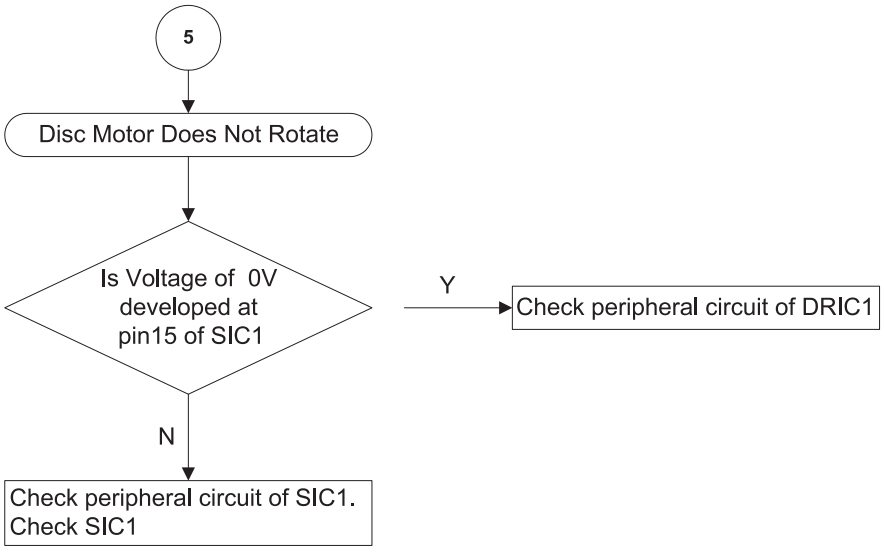
1. Move Pick Up Head to inner direction until pin5 of MJ4="L"
2. If pin5 of MJ4="L", then move Pick Up Head to outer direction for a short time.
3. Turn On the Laser of Pick Up Head to judge that disc is present or not.


3
Does Pick Up Move to inner direction?
N
Is pulse of 2.5 +-2.5V developed at pin3,4 of MJ4?
Y
Check connection between PCB and MECHA
N
Y
Is pulse of 2.5 +-2.5V developed at pin13 of SIC1
Y
Check peripheral circuit of SIC1 and DRIC1
N
Check BUS line between SIC1 and MIC1
Does Pick Up Move to out direction again?
N
Is pin5 of MJ4 = "L" appeared?
N
Check connection between PCB and MECHA
Y
Y
Check line between SIC1 and MJ4
OK
Does Laser Turn On?
N
Check voltage at pin8 of RCN1 is about 2.5V?
Y
Replace Pick Up Head
N
Check BUS line between RIC1 and SIC1,SIC1 and MIC1

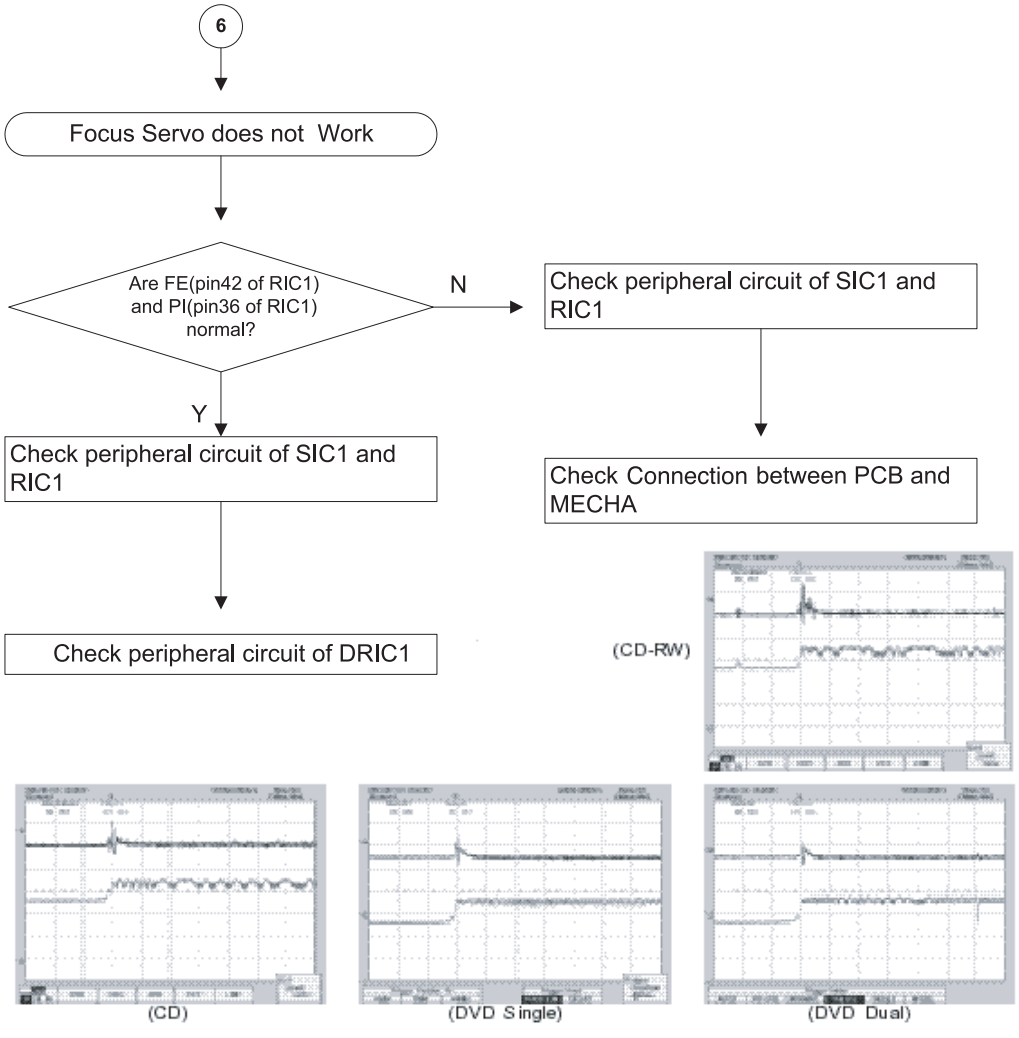
4. Disc Presence/Absense Judgment



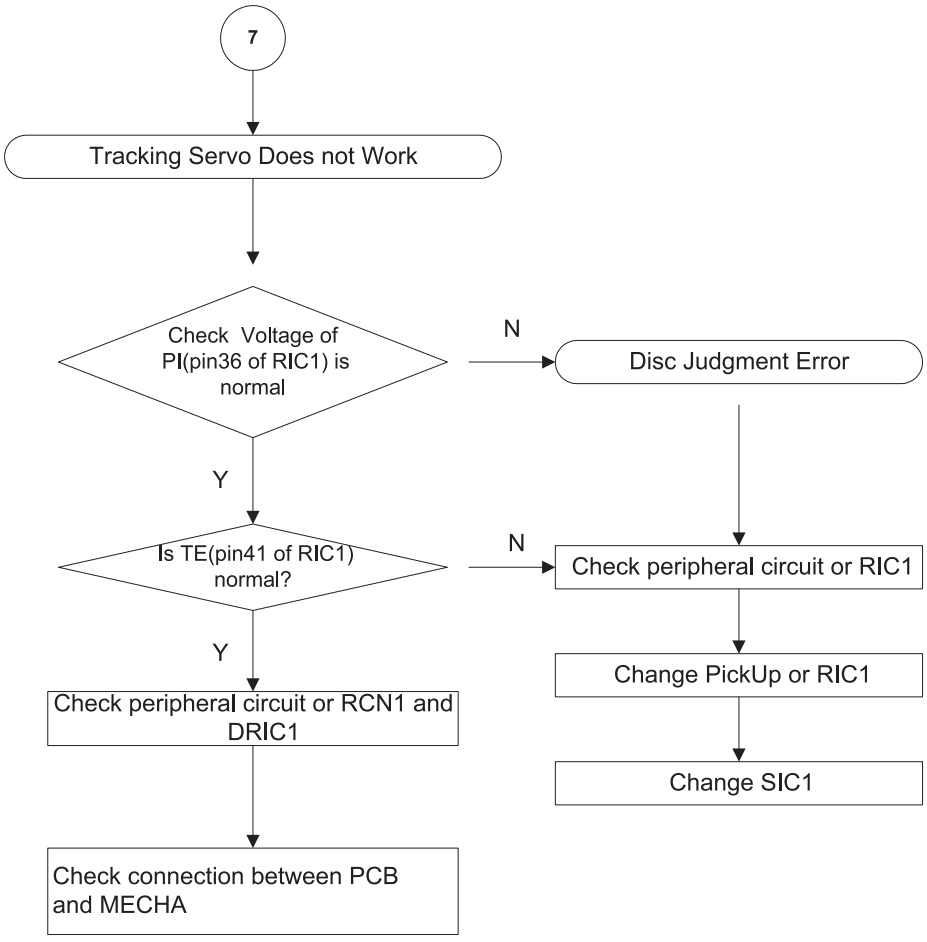
5. Disc Motor Does Not Rotate

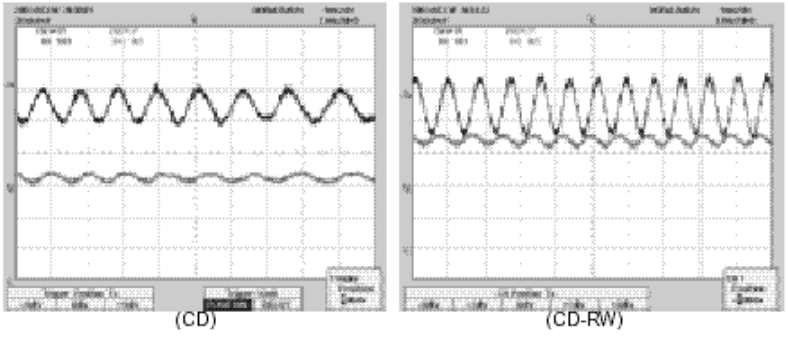

5
Disc Motor Does Not Rotate
Is Voltage of 0V developed at pin15 of SIC1
Y
Check peripheral circuit of DRIC1
N
Check peripheral circuit of SIC1. Check SIC1

6. Focus Servo does not Work

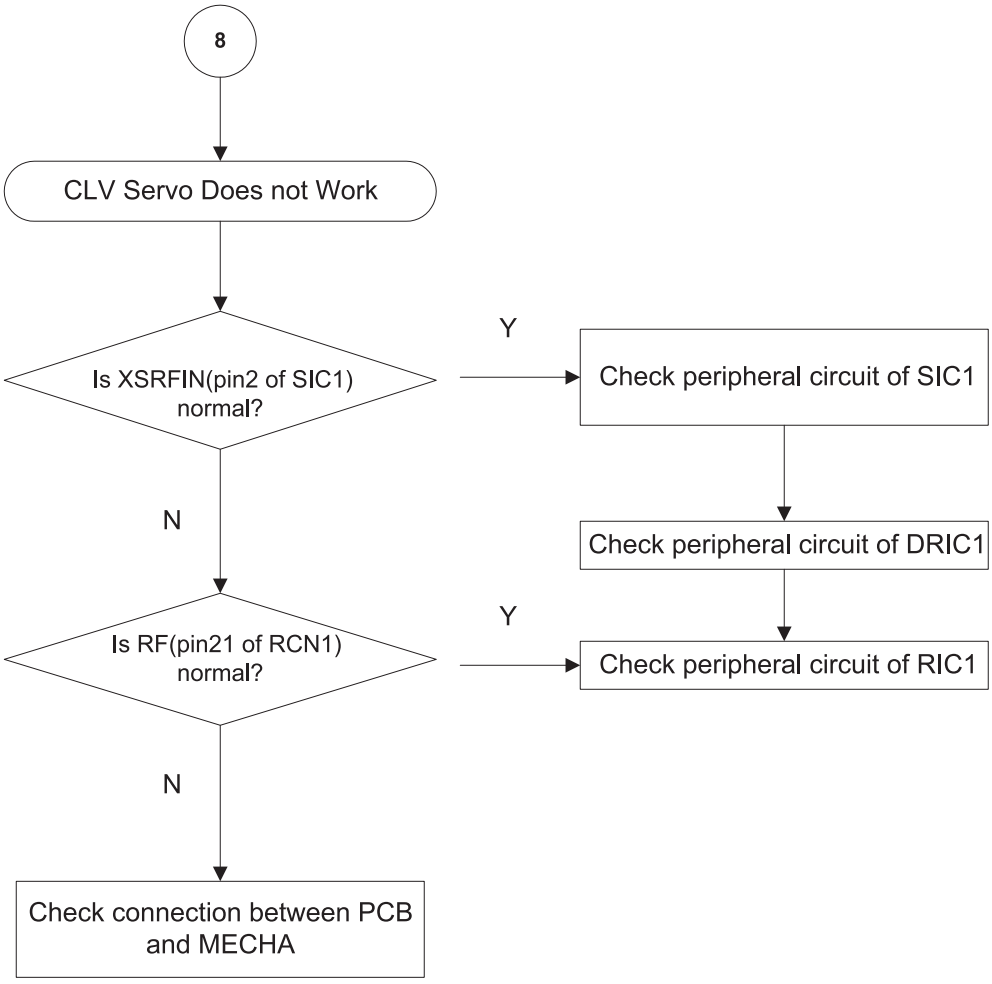


7. Tracking Servo Does Not Work

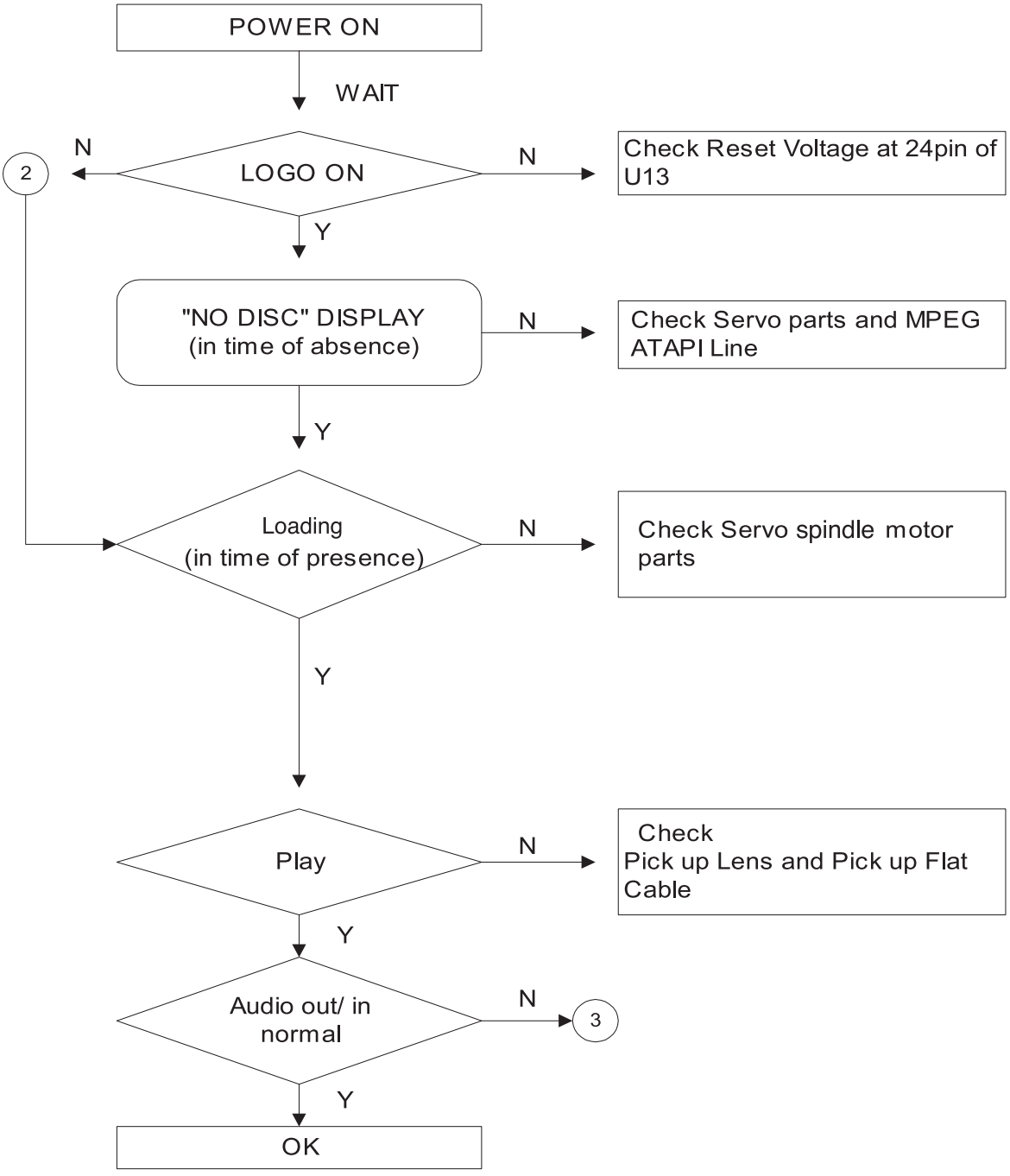




8. CLV Servo Does Not Work



1. Initial operation after NO



2. Logo operation

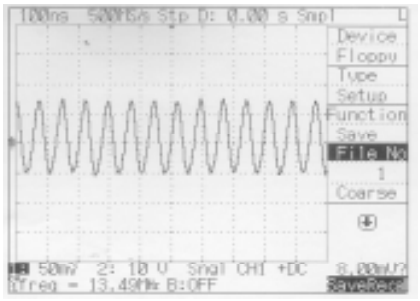
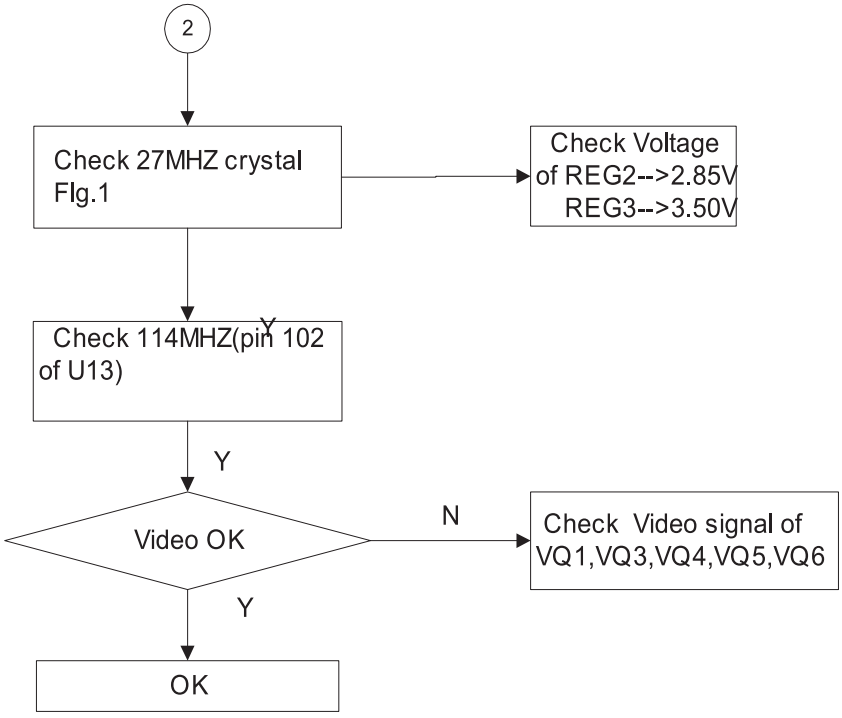
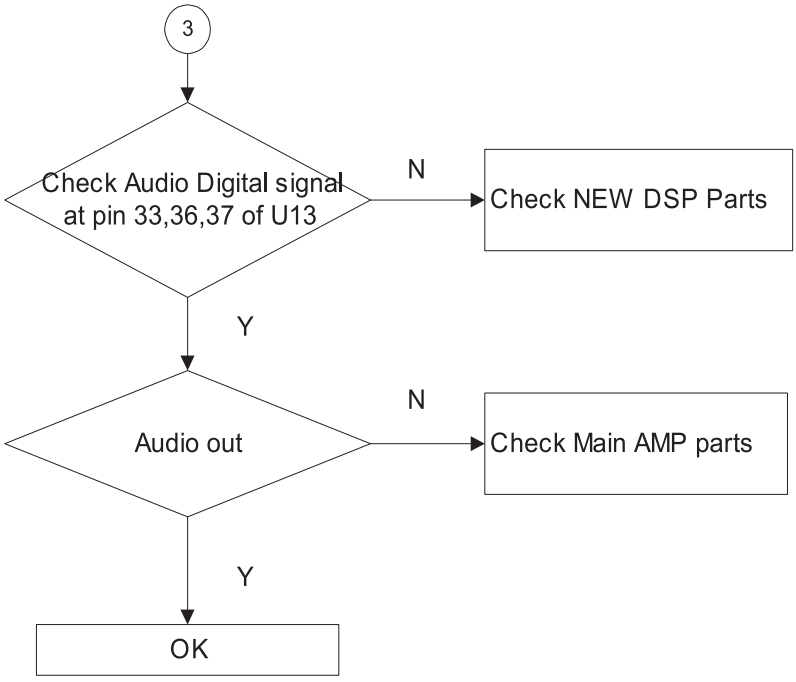


Fig.1



3.Audio operation



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